accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov .

Additional copies may be reviewed at the St. James Parish Library, Headquarters Library, 1879 West Main St., Lutcher, LA 70071-9704.

Inquiries or requests for additional information regarding this permit action should be directed to Syed Quadri, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3123.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmaillistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 2719, Permit Number 2560-00001-V6, and Activity Number PER20040004.

Scheduled Publication Date: Thursday, August 7, 2008

BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Agency Interest No.:2719
Work Activity No.:PER20040004

Mr. Doug Quinn
Refinery Manager
Convent Refinery, Motiva Enterprises, LLC
P. O. Box 37
Convent, Louisiana 70723

RE: Part 70 Operating Permit Renewal/Modification, Convent Refinery, Motiva Enterprises LLC, Convent, St. James Parish, Louisiana

Dear Mr. Quinn

This is to inform you that the permit renewal/modification for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the application submitted and the approval in no way relieves the applicant of the obligation to comply all the applicable requirements.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the_____ of _____, 2013, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and date of issue cited below and the AI No. 2719 should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008,

Permit No.: 2560-00001-V6

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

SGQ
c: US EPA Region VI

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
MOTIVA ENTERPRISES LLC
CONVENT REFINERY
PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL/MODIFICATION

The LDEQ, Office of Environmental Services, is accepting written comments on a proposed Part 70 Air Operating Permit Renewal/Modification for Motiva Enterprises LLC, P.O. Box 37, Convent, Louisiana, 70723 for the Convent Refinery. **The facility is located on the east bank of the Mississippi River, at 10700 LA Hwy 44, Convent, St. James Parish.**

Motiva Enterprises LLC requested to renew and modify the Part 70 Air Operating Permit No. 2560-00001-V5.

The proposed modifications are as follows:

1. Update the emissions from the ULSD project which was installed under Part 70 Permit No. 2560-00001-V5 dated September 24, 2004 along with Turnaround emissions based on the performance and the continuous emission monitoring data.

   The changes in emissions are shown below in tons per year:

Pollutant	Baseline Actual 2/2002-2/2004	Proposed	Change*
PM/PM_{10}	235.24	249.23	+ 13.99
SO_2	7296.00	298.58	- 6997.42
NO_X	589.60	628.44	+ 38.84
CO	514.20	613.23	+ 99.03
VOC	11.54	50.87	+ 39.33

* The change is due to a retroactive PSD netting analysis conducted for the ULSD project as referenced above

   The project related emissions increases consists of emissions increases from both new (added with the project at that time) and existing sources along with emission decreases due to Low NOx burners installed on Boiler 31F-801, 31F-802, and 31F-803; the installation of a wet gas scrubber on the FCCU regenerator exhaust; and physical changes to the FCCU to reduce NOx emissions from the regenerator. The overall emissions increase from both the projects after the reconciliation as referenced above is less than the significance level for all criteria pollutants; therefore, PSD review is not required.
2. Update the tanks emission cap based on current speciation, vapor pressures, tank fittings, and materials stored to have operational flexibility;
3. Update equipment leak fugitive emissions based on better TAP speciation, component counts, and consolidating all fugitive emissions under one emission point, GEN PLANT;
4. Create three new emission caps – EQUIP, FCCU HEATERS, and HTU 2-3 HEATERS;
5. Remove sulfur truck loading and cooling towers 1, 2, 3, and 5 from the emission point, GEN PLANT;
6. Remove the boilers emission cap, BOILERS, based on the changes previously approved under an Authorization to Construct/Approval to Operate dated February 3, 2004 (Consent Decree);
7. Remove export gas system emissions as the system has been removed, along with MTBE/TAME emissions and H-Oil Atm. Heater, Emission Point 70H-301. These have been mothballed;
8. Increase the annual average heat input to the H-Oil Vacuum Heater, Emission Point 70H-302, by 5 MM BTU/hr;

9. Update the equipment stack parameters based on new information, EIQs;
10. Update the current insignificant activities list; and
11. Permit existing emissions from tank cleaning, FCCU catalyst handling, CRU Regeneration, and HGU Startup Flaring.

Estimated emissions from the facility in tons per year are as follows:

Pollutant	Permitted	Proposed	Change
PM/PM_{10}	487.87	501.91	+ 14.04
SO_2	1391.33	1208.13	- 183.20
NO_X	2592.81	2267.24	- 325.57
CO	1833.38	1512.50	- 320.88
VOC	2029.38	2193.33	+ 163.95
H_2SO_4 Mist	259.80	259.80	-

Increase in emissions is due to the inclusion of tank cleaning (VOC emissions), FCCU catalyst handling, CRU Regeneration, and HGU Startup Flaring activities. Startup/Shutdown (SU/SD) and tank cleaning emissions are a part of operating stationary sources and should be regulated and appropriately controlled. Many rules and regulations acknowledge and recognize that SU/SD emissions are exempt from certain technology based limitations and must be controlled with good air pollution control practices to minimize these emissions during such periods. Regulations like 40 CFR 60.8(c), 40 CFR 63.6(e), 40 CFR 63.10(e)(3)(ii) do give a general guidance for controlling and minimizing the SU/SD emissions. Permitting SU/SD and tank cleaning emissions will be beneficial to air quality and will greatly assist in air quality planning purposes by requiring that SU/SD and tank cleaning emissions be clearly identified, quantified, and limited where necessary through out the facility. The SU/SD and tank cleaning emissions are not subject to New Source Review as they are existing emissions and no new modifications (new source or change in the method of operation) are triggering an increase in the associated emissions. VOC emissions are increasing due to the inclusion of tank cleaning which were authorized under variances as and when required during the year.

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Monday, September 15, 2008.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit renewal/modification application, proposed permit, & Statement of Basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be**

accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov .

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All correspondence should specify AI Number 2719, Permit Number 2560-00001-V6, and Activity Number PER20040004.

Scheduled Publication Date: Thursday, August 7, 2008

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CONVENT REFINERY
AGENCY INTEREST NO. 2719
MOTIVA ENTERPRISES LLC
CONVENT, ST. JAMES PARISH, LOUISIANA

I. BACKGROUND

Motiva Enterprise, LLC (Motiva) operates a petroleum refinery in Convent, Louisiana. Initial operations began in 1967. Texaco Refining and Marketing Inc. transferred the refinery to Star Enterprise in January 1989. A consolidated permit, No. 2560-00001-03, was approved September 22, 1991. Administrative changes were made on January 14, 1992, and March 12, 1993, to increase maximum emissions of the tail gas treating units (TGTU's), methyl tertiary butyl ether (MTBE) and tertiary amyl methyl ether (TAME) emission sources. A modified permit, No. 2560-00001-04, was granted August 18, 1993, to include marine vapor recovery system and a boiler. Permit No. 2560-00001-05, was approved July 14, 1994 to include Deep-Cut Technology applied on the vacuum pipe stills. A modified permit, No. 2560-00001-06, was issued December 13, 1994, to upgrade the Resid hydrocracking unit. Fluid catalytic cracking unit (FCCU) was modified under Permit No. 2560-00001-07 to improve gasoline production and increase reformulated gasoline production along with changes to the reactor, reactor riser and regenerator, fractionator, slide valves, fin fans, shell and tube heat exchangers, debutanizer, regenerator air blower; process modification at the Alkylation, Dimersol, TAME, MTBE units; and expansion of the Cooling Tower No. 3. A new boiler was permitted under Permit No. PSD-LA-600 dated July 29, 1996. Motiva took over the ownership and operation of this facility on September 1, 1998. A Part 70 Operating Permit No. 2560-00001-V0 dated August 12, 1999, and Prevention of Significant Deterioration (PSD) Permit No. PSD-LA-639 dated August 12, 1999, were issued to include debottlenecking of two crude units, VPS1 and VPS2, catalytic reformer unit, and hydrotreating unit along with the affected downstream units. Permit No. 2560-00001-V1 dated November 20, 2000, included the modification of Alkylation Unit. Part 70 Permit No. 2560-00001-V2 and PSD-LA-639(M-1) dated April 20, 2001, were issued to incorporate the stack test results and the increase in emissions from the debottleneck project. Part 70 Operating Permit No. 2560-00001-V3 and PSD Permit No. PSD-LA-673 were issued to facilitate Motiva to produce low sulfur gasoline with sulfur content less than 30 parts per million (ppm) as per the promulgated final rule titled "Control of Air Pollution from New Motor Vehicles: Tier 2 Motor Vehicle Emission Standards and Gasoline Sulfur Control Requirements" (Tier 2 rule). Permit No. 2560-00001-V4 was issued on June 4, 2004 that incorporated the Flare Gas Recovery System and allowed Motiva to report the flare emissions under a cap. Permit No. 2560-00001-V5 dated September 24, 2004 which allowed Motiva to produce Ultra Low Sulfur Diesel under the U.S. EPA, Heavy Duty Engine and Highway Diesel Fuel Rule. The emissions and requirements of Part 70 Operating Permit No. 3061-V0 dated November 20, 2007 which consolidated the annual emission limits of HTU-2 and HTU-3 process heaters under a cap without changing the total emission limits, are also incorporated in this Part 70 permit.

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Consent Decree [NSR Global Settlement Civil Action No. H-01-0978 between USA EPA and Motiva Enterprises LLC date of entry August 21, 2001] requirements are also included in this permit.

II. ORIGIN

An application and Emission Inventory Questionnaire (EIQ) dated February 9, 2004, were submitted requesting a Part 70 operating permit renewal. The original renewal application was updated on September 29, 2006. Additional information dated February 27, May 12 and 14, June 5 and as of June 19, 2008 was also received.

III. DESCRIPTION

Convent Refinery is a modern oil refinery. The refinery employs extensive emission control measures such as multiple internal and external FCCU catalyst cyclones, primary and secondary tank seals, low nitrogen oxide (NO_x) burners, fuel gas and LPG scrubbers, sulfur recovery units with tail gas treating facilities, and floating roofs on crude and light product tanks. Other control measures are closed flare systems for vapor blow down and emergency relief, smokeless flares, extensive use of pump and compressor mechanical seals, closed loop sampling stations, closed vapor control systems on tank truck and tank car loading racks and individual unit slop oil collection sumps. Recent additions to emissions controls include a flare gas recovery system, which sweetens and routes the gas to combustion devices (heaters, reboilers, etc.) and the FCCU regenerator wet gas scrubber.

Feedstocks are generally charged directly from one process unit to another. The refinery has the ability to charge purchased feedstocks from tankage. The refinery operates on a continuous basis and has a capacity to process 250,000 barrels of crude per day.

Crude Oil Receiving and Storage: Crude oil is received both by pipeline and tankers and is stored in tanks to separate water. It is then pumped to the crude unit where the refining process commences.

Crude Distillation Unit (VPS1 and VPS2): Crude oil feed is treated in an electrostatic desalter to minimize fouling and corrosion. Desalted crude is heated to its boiling point in heat exchangers and process heaters before it is fed to the Distillation Unit. In the Distillation Unit, the crude oil is separated into several fractions or streams. The Distillation Unit may be alternately charged with some residuum, fuel oil, or other petroleum derivatives.

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Isomerizaton Unit: The light straight run (LSR) gasoline produced primarily by the atmospheric crude units is routed to the Isomerization Unit for octane upgrading. This intermediate product is used for blending into finished gasoline.

Hydrotreating Units (HTU-1, 2 3, and HDS-1): The Hydrotreating Units "treat with hydrogen" naphtha, kerosene, unfinished diesel, and gas oils. The hydrotreating occurs in the presence of a catalyst and hydrogen at elevated temperatures and serves to remove sulfur, some nitrogen, and metals. This process removes sulfur to produce clean-burning fuel products, reduces downstream cracking emissions at the FCCU and is a required pretreatment step for naphtha reforming at the catalytic reformer unit.

Catalytic Reformer Unit (CRU): The hydrotreated naphtha product stream is vaporized, mixed with hydrogen, and passed through a series of reactors. The feed stream contacts a catalyst in the presence of hydrogen to form molecules with high octane number. The reformate is used for motor gasoline blending.

Fluid Catalytic Cracking Unit (FCCU): Gas oil is directly diverted to the FCCU or can be hydrotreated first.

The FCCU consists of a reactor and regenerator through which sand-like catalyst circulates at high temperature. Gas oil feed is mixed with hot catalyst and routed to the reactor through a large diameter pipe called a riser. In the riser, the heavy gas oil molecules are cracked into lighter molecules. Coke is deposited on the catalyst during the cracking reaction. The catalyst is separated from the product and regenerated (coke is burned in a regenerator). The products pass through distillation and compression equipment for liquefaction and separation. The main products from the FCCU are olefins, light and heavy motor gasoline blend components, light cycle gas oil, and heavy cycle gas oil.

Dimersol Unit: The Dimersol Unit utilizes a liquid catalyst to convert propylene to a high octane gasoline blending component called dimate.

Alkylation Unit: In the Alkylation Unit purchased and refinery produced isobutane is reacted with primarily butylene in the presence of sulfuric acid to form a high octane gasoline blending component called alkylate. Propane, propylene, and normal butane are also recovered from the incoming feed, purified, and piped to storage.

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Hydrogen Generation Unit (HGU): Primarily residuum or other heavy oils are routed to the HGU. This process combines pure oxygen with a hydrocarbon feedstock to produce products of partial combustion; hydrogen and carbon monoxide. Carbon monoxide is further reacted with water to form hydrogen and carbon dioxide. Hydrogen is separate from other gases, purified and used in H-OIL and hydrotreaters.

H-Oil Unit: The H-Oil Unit normally receives residuum from the crude units, plus gas oil from the FCCU. The feed stream is mixed with hydrogen and passed through ebulating bed (suspended catalyst) reactors. Since the ebulating bed is fluidized, catalyst can be added or withdrawn from the reactors while in operation which facilitates the regeneration process. The heavy oil is severely cracked in this process and converted to lighter and lower sulfur products. Gasoline, diesel, and gas oil are produced as feed to the following: Isomerization unit, Alkylation Unit, HTUs, and FCCU. Low sulfur bottoms are normally blended to produce a low sulfur fuel oil.

Amine Regeneration Units (ARU): Amine is used to absorb hydrogen sulfide from gases produced throughout the refinery. Scrubbers are used to recover amine from hydrogen sulfide and other contaminants for recycling. Hydrogen sulfide rich gases produced by these units are routed to the sulfur recovery units.

Amine Recovery Unit: Amine is used to absorb hydrogen sulfide from the acid gases. Scrubbers are used to recover amine from the hydrogen sulfide and other contaminants for recycling. Hydrogen sulfide rich gases produced by these units are routed to the sulfur recovery units.

Sulfur Recovery Units (SRU) and Tail Gas Treating Units (TGTU): These units convert the hydrogen sulfide and other sulfurous gases from ARU's and sour water strippers, to molten sulfur that is shipped off site.

Boilers and Water Treating Plant: High pressure steam is used throughout the plant. The steam is generated in boilers by burning refinery gas and natural gas. The water treating plant contains large clarifiers and treatment facilities for producing boiler feedwater and demineralized water.

Blending and Storage: The above processes separate crude oil into a number of products and produce other blending components. These materials are routed via pipeline to storage tanks. Final blended products are then supplied to marketing and distribution facilities primarily via pipeline.

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Ancillary Facilities: Supporting facilities include flares, cooling towers, sour water strippers, and an on site wastewater treatment facility.

Updated NSR Analysis for Ultra Low Sulfur Diesel (USLD) and Turnaround (TA) Projects Approved Earlier under Permit No. 2560-00001-V5: These projects are independent of each other, however due to the close proximity in time the projects were combined (USLD and TA) for Prevention of Significant Deterioration (PSD) analysis.

The facility has installed and is operating the ULSD as referenced above. The estimated emissions from the ULSD and TA project are being updated based on the performance and the continuous emission monitoring data. The changes in emissions are shown below in tons per year:

Pollutant	Baseline Actual 2/2002-2/2004	Proposed	Change*
PM/PM_{10}	235.24	249.23	+ 13.99
SO_2	7296.00	298.58	-6997.42
NO_X	589.60	628.44	+ 38.84
CO	514.20	613.23	+ 99.03
VOC	11.54	50.87	+ 39.33

* The change is due to a retroactive PSD netting analysis conducted for the ULSD project as referenced above

The project related emissions increases for the ULSD project consists of emissions increases from both new (added with the project at that time) and existing sources along with emission decreases due to Low NOx burners installed on Boiler 31F-801, 31F-802, and 31F-803; the installation of a wet gas scrubber on the FCCU regenerator exhaust; and physical changes to the FCCU to reduce NOx emissions from the regenerator. The overall emissions increase from both the projects after the reconciliation as referenced above is less than the significance level for all criteria pollutants; therefore, PSD review is not required.

Motiva is also proposing to incorporate additional changes to the facility as follows:

1. Update the tanks emission cap based on current speciation, vapor pressures, tank fittings, and materials stored to have operational flexibility;
2. Update equipment leak fugitive emissions based on better TAP speciation, component counts, and consolidating all fugitive emissions under one emission point, GEN PLANT;

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3. Create four new emission caps – AIR COMP EQUIP, PERM DIESEL EQUIP, FCCU HEATERS, and HTU 2-3 HEATERS;
4. Remove sulfur truck loading and cooling towers 1, 2, 3, and 5 from the emission point, GEN PLANT;
5. Remove the boilers emission cap, BOILERS, based on the changes previously approved under an Authorization to Construct/Approval to Operate dated February 3, 2004 (Consent Decree);
6. Remove export gas system emissions as the system has been removed, along with MTBE/TAME emissions and H-Oil Atm. Heater, Emission Point 70H-301. These have been mothballed;
7. Increase the annual average heat input to the H-Oil Vacuum Heater, Emission Point 70H-302, by 5 MM BTU/hr;
8. Update the equipment stack parameters based on updated information, EIQs;
9. Update the current insignificant activities list; and
10. Incorporate existing emissions from tank cleaning, FCCU catalyst handling, CRU Regeneration, and HGU Startup Flaring.

Estimated emissions from the facility in tons per year are as follows:

Pollutant	Permitted	Proposed	Change
PM/PM_{10}	487.87	501.91	+ 14.04
SO_2	1391.33	1208.13	- 183.20
NO_X	2592.81	2267.24	- 325.57
CO	1833.38	1512.50	- 320.88
VOC	2029.38	2193.33	+ 163.95
H_2SO_4 Mist	259.80	259.80	-

Increase in emissions is due to the inclusion of tank cleaning (VOC emissions), FCCU catalyst handling, CRU Regeneration, and HGU Startup Flaring activities. Startup/Shutdown (SU/SD) and tank cleaning emissions are a part of operating stationary sources and should be regulated and appropriately controlled. Many rules and regulations acknowledge and recognize that SU/SD emissions are exempt from certain technology based limitations and must be controlled with good air pollution control practices to minimize these emissions during such periods. Regulations like 40 CFR 60.8(c), 40 CFR 63.6(e), 40 CFR 63.10(e)(3)(ii) do give a general guidance for controlling and minimizing the SU/SD emissions. Permitting SU/SD and tank cleaning emissions will be beneficial to air quality and will greatly assist in air quality planning purposes by requiring that SU/SD and tank cleaning emissions be clearly identified, quantified, and limited where necessary through out the facility. The SU/SD and tank cleaning emissions are

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not subject to New Source Review as they are existing emissions and no new modifications (new source or change in the method of operation) are triggering an increase in the associated emissions. VOC emissions are increasing due to the inclusion of tank cleaning which were authorized under variances as and when required during the year.

The facility has undertaken the following changes or modifications at the facility under the requirement of the Consent Decree:

1. Installed Ultra Low NOx Burners on the boilers, 31F-801, 31F-802, and 31F803;
2. Removed VBU heater from the inventory;
3. Installed Flare Gas Recovery System and brought the Refinery Flares under the NSPS requirements;
4. Installed Wet Gas Scrubber on the FCCU and brought it under NSPS requirements;
5. Most of the Fuel Gas Combustion Devices brought under the NSPS requirements;
6. Sulfur Recovery Plant brought under the NSPS requirements; and
7. Incorporated a Leak Detection and Repair (LDAR) program.

The facility is classified under "Petroleum Refineries" for which there are established standards in New Source Performance Standards (NSPS), 40 CFR 60, Subpart J - Standards of Performance for Petroleum Refineries and NSPS, Subparts K, Ka, Kb for storage vessels. Motiva is also subject to NSPS, 40 CFR 60, Subpart GG - Standards of Performance for Stationary Gas Turbines; NSPS, 40 CFR 60, Subpart GGG - Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries; 40 CFR 60, Subpart QQQ - Standards of Performance for VOC Emissions From Petroleum Refinery Wastewater System; 40 CFR 63, Subpart CC - National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries; and 40 CFR 63, Subpart UUU – National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units. The refinery as a whole is a major source of toxic air pollutants and must comply with all applicable provisions of LAC 33:III.Chapter 51 - Comprehensive Toxic Air Pollutant Emission Control Program. The refinery as a whole shall also comply with all the applicable provisions of National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR 61, Subpart FF - National Emission Standard for Benzene Waste Operations. Motiva is also subject to all the applicable provisions of Louisiana Refinery MACT Determination dated July 26, 1994, except as noted in State Specific Condition No. 1.

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IV. TYPE OF REVIEW

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, the Louisiana Air Quality Regulations, New Source Performance Standards, and NESHAP. Prevention of Significant Deterioration does not apply.

Convent Refinery is a major source of toxic air pollutants. 1,3-butadiene, nickel, xylenes, benzene, ethylbenzene, formaldehyde, and naphthalene emissions from the facility will be above the minimum emission rate (MER) under Louisiana Air Toxic Regulations (LATR) and are controlled by maximum achievable control technology (MACT) under LATR. Ammonia, cumene, n-hexane, MTBE, vinyl acetate, carbonyl sulfide, cresol, hydrogen sulfide, methyl alcohol, and toluene are Class III toxic air pollutants (TAPs), and do not require MACT analysis under LATR. Impact on air quality will be below Toxic Ambient Air Standards and National Ambient Air Quality Standards for all regulated pollutants. An air toxic compliance plan was approved September 8, 1995. Subsequent revisions to MACT were approved on December 23, 1996, April 28, 1998, and March 10, 1999 and have been incorporated in this permit.

V. CREDIBLE EVIDENCE

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Federal Register 8314 (February 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. PUBLIC NOTICE

A notice requesting comments on the proposed renewal permit was published in The Advocate, Baton Rouge, Louisiana, and The News-Examiner, St. James Parish, Louisiana, on ******** **, 2008, and the mail out was done on ********** **, 2008. Written and oral comments received during the comment period from the general public and organizations will be considered before issuing the permit. Copies of the public notice were mailed out to individuals on the mailing list

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MOTIVA ENTERPRISES LLC
CONVENT, ST. JAMES PARISH, LOUISIANA

maintained by Office of Environmental Services on ****** **, 2008. The proposed permit was sent to EPA via e-mail on ********* **, 2008. All comments received within the specified time shall be considered before taking any action on this proposed permit.

VII. EFFECTS ON AMBIENT AIR

Dispersion Model(s) Used: None

Pollutant	Time Period	Adjusted Pollutant Concentration*	Louisiana Air Quality Standard (NAAQS)
NA			

VIII. GENERAL CONDITION XVII ACTIVITIES

Activity	Frequency	Emissions (TPY)				
		PM_{10}	SO_2	NO_X	CO	VOC
Sampling Activities	62,392 times/yr					1.11
Process Unit Startup/Shutdown	59 times/yr				4.22	4.16
Compressor Knockout Drum and Seal Oil Pot Purges	10,585 times/yr					0.23
Heater Decoking	2 times/yr	0.03				
Routine Maintenance, Filter Replacement and Exchanger Cleaning	82 times/yr					1.18
Carbon Canister Changing	3 times/yr					0.01
Instrument Maintenance	20 times/yr				-	Neg.
Pump Maintenance	12 times/yr					Neg.
Control Valve Maintenance	50 times/yr					Neg.
Spent Caustic Loading	1,684 loads /yr					<0.01

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CONVENT REFINERY
AGENCY INTEREST NO. 2719
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CONVENT, ST. JAMES PARISH, LOUISIANA

Activity	Frequency	Emissions (TPY)				
		PM_{10}	SO_2	NO_X	CO	VOC
Spent Sulfuric Acid Loading	10 trucks/day					0.42

IX INSIGNIFICANT ACTIVITIES

ID No.:	Description	Citation
79H-401	HGU Startup Heater	LAC 33:III.501.B.5.A.1
1D-202	Lube Oil Tank (250 gal)	LAC 33:III.501.B.5.A.2
1D-204	Lube Oil Tank (250 gal)	LAC 33:III.501.B.5.A.2
ID-205	Lube Oil Tank (250 gal)	LAC 33:III.501.B.5.A.2
2D-8	Spent Dimersol Blend Tank (42 gal)	LAC 33:III.501.B.5.A.2
37DD-327	Chemical Injection Tank (168 gal)	LAC 33:III.501.B.5.A.2
37T-323	Diesel Tank (126 gal)	LAC 33:III.501.B.5.A.2
5T-2	Seal Oil Tank (210 gal)	LAC 33:III.501.B.5.A.2
95T-331	Lube Oil Tank (210 gal)	LAC 33:III.501.B.5.A.2
95T-332	Lube Oil Tank (4.2 gal)	
95T-333	Lube Oil Tank (4.2 gal)	LAC 33:III.501.B.5.A.2
95T-334	Lube Oil Tank (4.2 gal)	LAC 33:III.501.B.5.A.2
95T-381	Lube Oil Tank (42 gal)	LAC 33:III.501.B.5.A.2
95T391	Lube Oil (42 gal)	LAC 33:III.501.B.5.A.2
Garage	Used Oil Tank (42 gal)	LAC 33:III.501.B.5.A.2
1C-214	Inhibitor Tank (1269 gal)	LAC 33:III.501.B.5.A.3
2C-378	Gum Inhibitor Tank (1974 gal)	LAC 33:III.501.B.5.A.3
2C-391	Gum Inhibitor Blend (1974 gal)	LAC 33:III.501.B.5.A.3
20D-41	Stability Inhibitor Tank (8484 gal)	LAC 33:III.501.B.5.A.3
2D-304	Corrosion Inhibitor Tank (4494 gal)	LAC 33:III.501.B.5.A.3
2D-331	Lube Oil Tank (1512 gal)	LAC 33:III.501.B.5.A.3
2D-332	Corrosion Inhibitor Tank (756 gal)	LAC 33:III.501.B.5.A.3
2D-377	Gum Inhibitor Tank (3150 gal)	LAC 33:III.501.B.5.A.3

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ID No.:	Description	Citation
2D-390	Gum Inhibitor Tank (3150 gal)	LAC 33:III.501.B.5.A.3
2D-532	Lube Oil Tank (2898 gal)	LAC 33:III.501.B.5.A.3
2D-533	Lube Oil Tank (714 gal)	LAC 33:III.501.B.5.A.3
3D-406	Seal Oil Tank (252 gal)	LAC 33:III.501.B.5.A.3
3D-407	Lube Oil Tank (336 gal)	LAC 33:III.501.B.5.A.3
3D-413	Lube Oil Tank (1512 gal)	LAC 33:III.501.B.5.A.3
3D-414	Lube Oil Tank (336 gal)	LAC 33:III.501.B.5.A.3
31D-302	Diesel Oil Tank (360 gal)	LAC 33:III.501.B.5.A.3
31D-809	SYB Star 68 (6300 gal)	LAC 33:III.501.B.5.A.3
31D-823	Lube Oil Tank (9700 gals)	LAC 33:III.501.B.5.A.3
31D-828	Regal R&O 38 (1000 gal)	LAC 33:III.501.B.5.A.3
32D-25	Diesel Tank (546 gal)	LAC 33:III.501.B.5.A.3
549	Polymer Tank (1500 gal)	LAC 33:III.501.B.5.A.3
33C-3	Diesel Tank (546 gal)	LAC 33:III.501.B.5.A.3
33D-1	Diesel Tank (546 gal)	LAC 33:III.501.B.5.A.3
33T-7	Diesel Tank (546 gal)	LAC 33:III.501.B.5.A.3
33T-8	Diesel Tank (546 gal)	LAC 33:III.501.B.5.A.3
37DT-353	Cat Flocculent (504 gal)	LAC 33:III.501.B.5.A.3
4D-505	Lube Oil Tank (500 gal)	LAC 33:III.501.B.5.A.3
4D-509	Perchloroethylene Tank (2016 gal)	LAC 33:III.501.B.5.A.3
41T-5	Diesel Tank (6000 gal)	LAC 33:III.501.B.5.A.3
41T-6	Diesel Tank (6000 gal)	LAC 33:III.501.B.5.A.3
5C-680	Corrosion Inhibitor Tank (630 gal)l)	LAC 33:III.501.B.5.A.3
5T-1	Lube Oil Tank (924 gal) Tank (55 gal)	LAC 33:III.501.B.5.A.3
5T-6	Nickel Carboxylate Tank (6384 gal)	LAC 33:III.501.B.5.A.3
70F-490	Glycol Tank (1176 gal)	LAC 33:III.501.B.5.A.3
70T-101	Lube Oil Tank (756 gal)	LAC 33:III.501.B.5.A.3

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ID No.:	Description	Citation
70T-102	Lube Oil Tank (756 gal)	LAC 33:III.501.B.5.A.3
70T-801	Lube Oil Tank (252 gal)	LAC 33:III.501.B.5.A.3
70T-802	Lube Oil Tank (252 gal)	LAC 33:III.501.B.5.A.3
83DF-113	BPR81232 Tank (3024 gal)	LAC 33:III.501.B.5.A.3
83DF-127	IPC 2300 Additive Tank (4032 gal)	LAC 33:III.501.B.5.A.3
95T-351	Lube Oil Tank (2184 gal)	LAC 33:III.501.B.5.A.3
ALK01	Corrosion Inhibitor Tank (300 gal)	LAC 33:III.501.B.5.A.4
CRU01	Filmer Tank (1000 gal)	LAC 33:III.501.B.5.A.3
ECT-1	Dispersant Tank (2500 gal)	LAC 33:III.501.B.5.A.3
EWCT-2	Corrosion Inhibitor Tank (1500 gal)	LAC 33:III.501.B.5.A.3
EQCT-3	Corrosion Inhibitor Tank (1000 gal)	LAC 33:III.501.B.5.A.3
FCC01	Filmer Tank (2000 gal)	LAC 33:III.501.B.5.A.3
FCC02	Antioxidant Tank (2300 gal)	LAC 33:III.501.B.5.A.3
FCC03	Antioxidant Tank (2300 gal)	LAC 33:III.501.B.5.A.3
FCC04	Antioxidant Tank (1000 gal)	LAC 33:III.501.B.5.A.3
HOL01	Filmer Tank (750 gal)	LAC 33:III.501.B.5.A.3
M/T-2	Corrosion Inhibitor Tank (1000 gal)	LAC 33:III.501.B.5.A.3
M/T-3	Corrosion Inhibitor Tank (1000 gal))	LAC 33:III.501.B.5.A.3
M/T-4	Corrosion Inhibitor Tank (1000 gal)	LAC 33:III.501.B.5.A.3
Garage 1	Used Oil Tank (714 gal)	LAC 33:III.501.B.5.A.3
31D-301	Diesel Tank (360 gal)	LAC 33:III.501.B.5.A.3
-	Spent Dimersol Catalyst Tank (9500 gal)	LAC 33:III.501.B.5.A.3
TAM01	Antioxidant Tank (1000 gal)	LAC 33:III.501.B.5.A.3
VP101	Neutralizer Tank (6000 gal)	LAC 33:III.501.B.5.A.3
VP103	Corrosion Inhibitor Tank (2000 gal)	LAC 33:III.501.B.5.A.3
VP104	Demulsifier Tank (2000 gal)	LAC 33:III.501.B.5.A.3
VP105	H2S Scavenger Tank (5600 gal)	LAC 33:III.501.B.5.A.3

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ID No.:	Description	Citation
VP201	Neutralizer Tank (6000 gal)	LAC 33:III.501.B.5.A.3
VP202	Neutralizer Tank (2000 gal)	LAC 33:III.501.B.5.A.3
VP203	Neutralizer Tank (1000 gal)	LAC 33:III.501.B.5.A.3
VP204	Demulsifier Tank (2000 gal)	LAC 33:III.501.B.5.A.3
VP205	Antifoulant Tank (6000 gal)	LAC 33:III.501.B.5.A.3
VP206	Filmer Tank (3000 gal)	LAC 33:III.501.B.5.A.3
VP207	H2S Scavenger Tank (5600 gal)	LAC 33:III.501.B.5.A.3
WCT-1	Dispersant Tank (2500 gal)	LAC 33:III.501.B.5.A.3
WWTP-1	Defoamer Tank (1500 gal)	LAC 33:III.501.B.5.A.3
WWTP-2	Defoamer Tank (1500 gal)	LAC 33:III.501.B.5.A.3
1D-201	Desalting Chemical (2310 gal)	LAC 33:III.501.B.5.A.4
1T-2	Caustic Tank (1974 gal)	LAC 33:III.501.B.5.A.4
2D-363	25 BE Caustic Tank (13524 gal)	LAC 33:III.501.B.5.A.4
2D-364	25 BE Caustic Tank (21168 gal)	LAC 33:III.501.B.5.A.4
2D-367	50 BE Caustic Tank (7056 gal)	LAC 33:III.501.B.5.A.4
5T-4	Sulfuric Acid Tank (798 gal)	LAC 33:III.501.B.5.A.4
5T-10	Sulfuric Acid Tank (84 gal)	LAC 33:III.501.B.5.A.4
18D-5	50 BE Caustic Tank (28016 gal)	LAC 33:III.501.B.5.A.4
18D-7	50 BE Caustic Tank (28016 gal)	LAC 33:III.501.B.5.A.4
20D-55	50 BE Caustic Tank (88116 gal)	LAC 33:III.501.B.5.A.4
20D-56	25 BE Caustic Tank (169176 gal)	LAC 33:III.501.B.5.A.4
20T-308	50% Caustic Tank (679182 gal)	LAC 33:III.501.B.5.A.4
32T-320	Sulfuric Acid Tank (4704 gal)	LAC 33:III.501.B.5.A.4
32T-321	Caustic Tank (5880 gal)	LAC 33:III.501.B.5.A.4
36D-552	Sulfuric Acid Tank (6500 gal)	LAC 33:III.501.B.5.A.4

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ID No.:	Description	Citation
36D-553	Demin. Caustic Tank (13000 gal)	LAC 33:III.501.B.5.A.4
70T-103	Ammonia (aqueous) Tank (1134 gal)	LAC 33:III.501.B.5.A.4
83T-102	Caustic Mix Tank (3150 gal)	LAC 33:III.501.B.5.A.4
83T-106	Caustic Tank (1974 gal)	LAC 33:III.501.B.5.A.4
85T-104	Caustic Tank (61740 gal)	LAC 33:III.501.B.5.A.4
92T-101	Sulfuric Acid Tank (3780 gal)	LAC 33:III.501.B.5.A.4
M/T-5	Sodium Hypochlorite Tank (1028 gal)	LAC 33:III.501.B.5.A.4
M/T-6	Sodium Hypochlorite Tank (2521 gal)	LAC 33:III.501.B.5.A.4
-	Laboratory Vents	LAC 33:III.501.B.5.A.6
-	Process Vent Analyzers	LAC 33:III.501.B.5.A.9
-	Catalyst Charging	LAC 33:III.501.B.5.A.11

STATE ONLY SPECIFIC CONDITIONS

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The permit is issued under the following conditions:

1. Permittee shall comply with a streamlined equipment leaks monitoring program. Compliance with the streamlined program in accordance with this specific condition shall serve to comply with each of the fugitive emission monitoring programs being streamlined, as indicated in the following table. Noncompliance with the streamlined program in accordance with this specific condition may subject the permittee to enforcement action for one of the applicable fugitive emissions programs.

    a. Streamlined program shall be applicable to the combined universe of components subject to any of the programs being streamlined. Any component type which does not require periodic monitoring under the overall most stringent program shall be monitored as required by the most stringent requirements of any other program being streamlined and will not be exempted. The streamlined program will include any exemptions based on size or component available in any of the programs being streamlined.

    b. Leak definitions and monitoring frequency shall be used based on the overall most stringent program. Percent leaker performance shall be calculated using the provisions of the overall most stringent program. Annual monitoring shall define as once every four quarters. Some allowance may be made in the first year on the streamlined program in order to allow for transition from existing monitoring schedules.

    c. Permittee shall comply with recordkeeping and reporting requirements of the overall most stringent program. Semiannual reports shall be submitted on August 15 and February 15, to cover the periods from January 1 through June 30, and July 1 through December 31, respectively. The semiannual reports shall include any monitoring performed within the reporting period.

Unit or Plant Site	Programs Streamlined	Stream Applicability	Overall Most Stringent Program
ALKY (Equipment not in HAP service)	LAC 33:III.Chapter 21	10% VOC	LAC 33:III2121
ALKY (Equipment in HAP service)	NSPS Subpart GGG* LAC 33:III.Chapter 21 NESHAP Subpart CC	10% VOC 10% VOC 5% VOHAP	NESHAP Subpart CC
ARU 1-4	LAC 33:III.Chapter 21	10% VOC	LAC 33:III.2121

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Unit or Plant Site	Programs Streamlined	Stream Applicability	Overall Most Stringent Program
Boilers	NSPS Subpart GGG* LAC 33:III.Chapter 21	10% VOC 10% VOC	NSPS Subpart GGG
CRU	LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT
CRU LR	LAC Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT
Dimersol (Equipment not is HAP service)	NSPS Subpart GGG* LAC 33:III.Chapter 21	10% VOC 10% VOC	NSPS Subpart GGG
Dimersol (Equipment in HAP service)	NSPS Subpart GGG* LAC 33:III.Chapter 21 NESHAP Subpart CC	10% VOC 10% VOC 5% VOHAP	NESHAP Subpart CC
Docks	NSPS Subpart GGG* LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT
East Tank Farm	NSPS Subpart GGG* LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT
FCCU	NSPS Subpart GGG* LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT
Flare Gas Recovery System	NSPS Subpart GGG* LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT
HDS-1	NSPS Subpart GGG* LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT

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Unit or Plant Site	Programs Streamlined	Stream Applicability	Overall Most Stringent Program
HGU	NSPS Subpart GGG* LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT
H-Oil	NSPS Subpart GGG* LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT
HTU-1, 2, and 3	NSPS Subpart GGG* LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT
ISOM (Equipment not in HAP service)	NSPS Subpart GGG* LAC 33:III.Chapter 21	10% VOC 10% VOC	NSPS Subpart GGG
ISOM (Equipment not in HAP service	NSPS Subpart GGG* LAC 33:III.Chapter 21	10% VOC 10% VOC	NSPS Subpart GGG
ISOM (Equipment in HAP service)	NSPS Subpart GGG* LAC 33:III.Chapter 21 NESHAP Subpart CC	10% VOC 10% VOC 5% VOHAP	NESHAP Subpart CC
LPG Truck Rack	LAC 33:III.Chapter 21	10% VOC	LAC 33:III.2121
Plant 10	LAC Chapter 21	10% VOC	LAC 33:III.2121
Plant 21	LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT
Pressure Storage Area	LAC 33:III.Chapter 21	10% VOC	LAC 33:III.2121
Rail Car Rack	NSPS Subpart GGG* LAC 33:III.Chapter 21	10% VOC 10% VOC	NSPS Subpart GGG*
TGTU 1-5	LAC 33:III.Chapter 21	10% VOC	LAC 33:III.2121
VPS-1 and 2	NSPS Subpart GGG* LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT

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Unit or Plant Site	Programs Streamlined	Stream Applicability	Overall Most Stringent Program
West Tank Farm	NSPS Subpart GGG* LAC 33:III.Chapter 21 LA Refinery MACT NESHAP Subpart CC	10% VOC 10% VOC 5% Air Toxics (Class I & II) 5% VOHAP	Louisiana Refinery MACT

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
UNF001	Convent Refinery	1	1	1	1	1						1	1			1	1		1	1
EQT027	17AH-103, TGTU No. 1 Incinerator Stack			1	1	1	2										1			
EQT028	19G-305, Flare No. 5 – Dock No. 1 & 2 Vapor Recovery			1		1			-/1			2					1			
EQT029	1F-201, VPS-1 Atmospheric Heater			1	1	1											2			
EQT030	1F-202, VPS-1 Atmospheric Heater			1	1	1											2			
EQT031	1F-251, VPS-1 Vacuum Heater			1	1	1											2			
EQT032	2KT-331, FCCU HP Fuel Gas Compressor Turbine			1	1	1											2			
EQT033	31F-801, Boiler No. 1			1	1	1											2			
EQT034	31F-802, Boiler No. 2			1	1	1											2			
EQT035	31F-803, Boiler No. 3			1	1	1											2			
EQT036	31F-805, Boiler No. 4			1	1	1											2			
EQT037	31F-810, Boiler			1	1	1											2			
EQT038	3F-401, HTU-1 HSR Charge Heater			1	1	1											2			
EQT039	3F-402, Kerosene Charge Heater			1	1	1											2			
EQT040	3F-403, HSR Reboiler			1	1	1											2			
EQT041	3F-404, Kerosene Reboiler			1	1	1											2			
EQT042	4F-501, CRU Charge Heater			1	1	1											2			
EQT043	4F-502, CRU Inter Heater No. 1			1	1	1											2			

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ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
EQT044	4F-503, CRU Inter Heater No. 3			1	1	1											2			
EQT045	4F-504, CRU Inter Heater No. 2			1	1	1											2			
EQT046	4F-508, CRU-HTU Common Stack			1	1	1											2			
EQT047	4KT-501, CRU Recycle Compressor Gas Turbine			1	1	1											2			
EQT048	70D-501, Dust Handling Vent				1												1			
EQT049	70H-101, H-Oil Train 100 Feed Heater			1	1	1											2			
EQT050	70H-102, H-Oil Train 100 Hydrogen Heater			1	1	1											2			
EQT051	70H-201, H-Oil Train 200 Feed Heater			1	1	1											2			
EQT052	70H-202, H-Oil train 200 Hydrogen Heater			1	1	1											2			
EQT053	70H-302, H-Oil Vacuum Tower Heater			1	1	1											2			
EQT054	70H-501, H-Oil Transport Oil Heater			1	1	1											2			
EQT055	76H-101, TGTU No. 2 Incinerator Stack			1	1	1	2										1			
EQT056	77H-101, TGTU No. 3 Incinerator Stack			1	1	1	2										1			
EQT057	78H-101, TGTU No. 4 Incinerator Stack			1	1	1	2										1			
EQT058	79H-402, HGU Boiler			1		1											2			

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
EQT059	79J-904, TORVEX Incinerator Stack			1	1	1	1													
EQT060	7F-1, Gas Oil Heater			1	1	1											2			
EQT061	82H-101, TGTU No. 5 Incinerator Stack			1	1	1	2										1			
EQT062	83H-101, VPS-2 Atmospheric tower Feed Heater			1	1	1											2			
EQT063	83H-102, VPS-2 Vacuum Heater			1	1	1											2			
EQT064	85D-105, HGU WWTU Flare			1	1	1											1			
EQT065	94H-101, ISOM Reactor Feed Furnace			1	1	1											2			
EQT066	96H-201, HDS-1 Heater			1	1	1											2			
EQT067	AIR COMP, Diesel Fired Air Compressor			1	1	1											2			
EQT068	FCCU CAT, FCCU Catalyst Handling				1															
EQT069	2F-301, FCCU Feed Heater			1	1	1											2			
EQT070	2F-302, FCCU Recycle Heater			1	1	1											2			
EQT071	FCCU WGS, FCCU Wet Gas Scrubber Stack				1	1	1										1			
EQT072	19AH-901, Refinery Flare No. 2			1		1						2					1			
EQT073	19F-3, Refinery Flare No. 1			1		1						2					1			
EQT074	19G-301, Refinery Flare No. 3			1		1						2					1			

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CONVENT REFINERY
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MOTIVA ENTERPRISES LLC
CONVENT, ST. JAMES PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
EQT075	19G-302, Refinery Flare No. 4			1		1						2					1			
EQT076	HGU SU, HGU Start Up Flaring (Flares 1-4)			1	1	1														
EQT077	14H-101, HTU-2 Train 1 Charge Heater			1	1	1											2			
EQT078	14H-201, HTU-2 Train 2 Charge Heater			1	1	1											2			
EQT079	14H-313, HTU-2 Stripper Reboiler			1	1	1											2			
EQT080	95H-101, HTU-3 Reactor Feed Heater			1	1	1											2			
EQT081	95H-102, HTU-3 Stripper Reboiler Heater			1	1	1											2			
EQT082	LPG TRK RK, Liquid Petroleum Gas Truck Rack								1/-								1			
EQT083	PAINT, Painting						2123 applies													
EQT084	30D-301, Emergency Generator (NE Corner HGU)			1	1	1											2			
EQT085	30D-302, Emergency Generator (S of ARU-3 and Plant 10)			1	1	1											2			
EQT086	32G-15, Dock No. 1 – Firewater Pump			1	1	1											2			
EQT087	33G-3, Firewater Diesel Engine			1	1	1											2			
EQT088	33G-4, Wharf No. 2 Firewater Diesel Engine			1	1	1											2			

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
EQT089	33G-5, Wharf No. 1 Firewater Diesel Engine			1	1	1											2			
EQT090	33P-301, Firewater Diesel Engine			1	1	1											2			
EQT091	37P-407, API-2 Diesel Pump			1	1	1											2			
EQT092	PTU, Purge Treatment Unit																			
EQT093	RC RACK, Rail Car Loading/Unlaoding Rack								1/-								1			
EQT094	S TRK LDG, Sulfur Truck Loading				1												1			
EQT095	TK CLNG, Tank Cleaning																			
EQT096	16T-302, Storage Tank							2									1			
EQT098	18D-1, Storage Tank							1									1			
EQT099	18D-102, Storage Tank							2									1			
EQT100	18D-19, Light Slop/Sour Water Tank							1												
EQT101	18D-2, Storage Tank							1												
EQT102	18D-8, Storage Tank							2									1			
EQT103	18T-8, Storage Tank							2									1			
EQT104	20AT-901, Storage Tank							1									1			
EQT105	20AT-902, Storage Tank							1									1			
EQT106	20AT-903, Storage Tank							1									1			

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ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
EQT107	20AT-904, Storage Tank							1									1			
EQT108	20AT-905, Storage Tank							2									12			
EQT109	20AT-907, Storage Tank							1									1			
EQT110	20D-1, Storage Tank							1									1			
EQT111	20D-10, Storage Tank							1									1			
EQT112	20D-102, Storage Tank							1									1			
EQT113	20D-12, Storage Tank							1									1			
EQT114	20D-13, Storage Tank							2									2			
EQT115	20D-14, Storage Tank							2									2			
EQT116	20D-15, Storage Tank							1									1			
EQT117	20D-16, Storage Tank							2									2			
EQT118	20D-17, Storage Tank							2									2			
EQT119	20D-18, Storage Tank							1									1			
EQT120	20D-19, Storage Tank							1									1			
EQT121	20D-2, Storage Tank							1									1			
EQT122	20D-20, Storage Tank							1									1			
EQT123	20D-21, Storage Tank							1									1			
EQT124	20D-23, Storage Tank							1									1			
EQT125	20D-24, Storage Tank							1									1			

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
EQT126	20D-25, Storage Tank							1									1			
EQT127	20D-26, Storage Tank							1									1			
EQT128	20D-27, Storage Tank							1									1			
EQT129	20D-28, Storage Tank							1									1			
EQT130	20D-29, Storage Tank							1									1			
EQT131	20D-3, Storage Tank							1									1			
EQT132	20D-30, Storage Tank							1									1			
EQT133	20D-31, Storage Tank							2									12			
EQT134	20D-32, Storage Tank							2									1			
EQT135	20D-33, Storage Tank							2									2			
EQT136	20D-34, Storage Tank							1									1			
EQT138	20D-36, Storage Tank							1									1			
EQT141	20D-4, Storage Tank							1									1			
EQT142	20D-40, Storage Tank							1									1			
EQT143	20D-42, Storage Tank							1									1			
EQT145	20D-44, Storage Tank							1									1			
EQT146	20D-45, Storage Tank							2									2			
EQT147	20D-46, Storage Tank							2									1			
EQT148	20D-47, Storage Tank							1									1			

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ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
EQT149	20D-49, Storage Tank							2									2			
EQT150	20D-5, Storage Tank							1									1			
EQT151	20D-51, Storage Tank							2									1			
EQT152	20D-52, Storage Tank							2									1			
EQT153	20D-53, Storage Tank							1									1			
EQT154	20D-54, Storage Tank							1									1			
EQT155	20D-59, Storage Tank							2									1			
EQT156	20D-6, Storage Tank							1									1			
EQT157	20D-61, Storage Tank							1									1			
EQT158	20D-62, Storage Tank							2									2			
EQT159	20D-65, Storage Tank							1									1			
EQT160	20D-66, Storage Tank							1									1			
EQT161	20D-67, Storage Tank							1									1			
EQT162	20D-68, Storage Tank							1									1			
EQT163	20D-7, Storage Tank							1									1			
EQT164	20D-70, Storage Tank							1									1			
EQT165	20D-73, Storage Tank							1												
EQT166	20D-8, Storage Tank							1									1			
EQT167	20D-9, Storage Tank							2									2			

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ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
EQT168	20T-201, Storage Tank							1									1			
EQT169	20T-202, Storage Tank							1									1			
EQT170	20T-203, Storage Tank							1									1			
EQT171	20T-204, Storage Tank							1									1			
EQT172	20T-205, Storage Tank							1									1			
EQT173	20T-206, Storage Tank							1									1			
EQT174	20T-207, Storage Tank							2									2			
EQT175	20T-209, Storage Tank							1									1			
EQT176	20T-210, Storage Tank							1									1			
EQT177	20T-211, Storage Tank							2									1			
EQT178	20T-212, Storage Tank							2									1			
EQT179	20T-213, Storage Tank							2									2			
EQT180	20T-214, Storage Tank							2									2			
EQT181	20T-215, Storage Tank							2									2			
EQT182	20T-216, Storage Tank							1									1			
EQT183	20T-217, Storage Tank							1									1			
EQT184	20T-218, Storage Tank							1									1			
EQT185	20T-219, Storage Tank							2									12			
EQT186	20T-220, Storage Tank							1									1			

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ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
EQT187	20T-221, Storage Tank							1									1			
EQT188	20T-302, Storage Tank							1									1			
EQT189	20T-303, Storage Tank							1									1			
EQT190	20T-306, Storage Tank							2									1			
2QT191	20T-307, Storage Tank							1									1			
EQT192	22AF-101, Storage Tank							2									1			
EQT193	22AF-102, Storage Tank							2									1			
EQT194	2AT-101, Storage Tank							2									2			
EQT195	2D-361, Storage Tank							2									2			
EQT196	2D-362, Storage Tank							2									2			
EQT197	2D-365, Storage Tank							2									2			
EQT199	31D-823, Storage Tank							2									1			
EQT200	31T-301, Storage Tank							1									1			
EQT201	37T-301, Storage Tank							1									1			
EQT202	37T-311, Storage Tank							2									1			
EQT203	37T-314, Storage Tank							1									1			
EQT204	37T-315, Storage Tank							1									1			
EQT205	37T-316, Storage Tank							1									1			
EQT206	37T-317, Storage Tank							1									1			

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ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59
EQT207	41T-2, Storage Tank							1									1			
EQT208	41T-3, Storage Tank							1									1			
EQT209	41T-4, Storage Tank							2									1			
EQT210	71T-302, Storage Tank							2									1			
EQT211	71T-303, Storage Tank							2									1			
EQT212	76T-102, Storage Tank							2									1			
EQT213	76T-103, Storage Tank							2									12			
EQT214	89T-101, Storage Tank							2									1			
EQT215	89T-102, Storage Tank							2									1			
EQT216	PTU TANK, Treated PTU Tank																			
EQT217	WWTU, Process Wastewater							2109 applies												
EQT226	CRU, Catalytic Reformer Unit																			
EQT227	32E-1, Cooling Tower No. 1																			
EQT228	32UT-301, Cooling Tower No. 2																			
EQT229	35U-1, Cooling Tower No. 3																			
EQT230	32U-4, Cooling Tower No. 5																			
FUG002	GEN PLANT, General Plant Fugitive Emissions									1			1				1			

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																		
		5▲	9	11	13	15	17	2103	2107/ 2108	2111	2113	2115	2121	2141	2301	29*	51*	52	56	59

KEY TO MATRIX

1 - The regulations have applicable requirements which apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III.Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
UNF001	Convent Refinery	1									1	1		1	1				1	1				1	1
EQT027	17AH-103, TGTU No. 1 Incinerator Stack				1														2	1					
EQT028	19G-305, Flare No. 5 – Dock No. 1 & 2 Vapor				1														2						
EQT029	1F-201, VPS-1 Atmospheric Heater				1														1	2					
EQT030	1F-202, VPS-1 Atmospheric Heater				1														1	2					
EQT031	1F-251, VPS-1 Vacuum Heater		2	2	1														2						
EQT032	2KT-331, FCCU HP Fuel Gas Compressor Turbine				1														2						
EQT033	31F-801, Boiler No. 1		1	2	1														1						
EQT034	31F-802, Boiler No. 2		1	2	1														1						
EQT035	31F-803, Boiler No. 3		2	2	1														2						
EQT036	31F-805, Boiler No. 4		2	2	1														2						
EQT037	31F-810, Boiler		1		1														1						
EQT038	3F-401, HTU-1 HSR Charge Heater				1														2						
EQT039	3F-402, Kerosene Charge Heater				1														2						
EQT040	3F-403, HSR Reboiler				1														2						

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ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT041	3F-404, Kerosene Reboiler				1														2						
EQT042	4F-501, CRU Charge Heater				1														2						
EQT043	4F-502, CRU Inter Heater No. 1				1														2						
EQT044	4F-503, CRU Inter Heater No. 3				1														2						
EQT045	4F-504, CRU Inter Heater No. 2				1														2						
EQT046	4F-508, CRU-HTU Common Stack				1														2						
EQT047	4KT-501, CRU Recycle Compressor Gas Turbine				1														2						
EQT048	70D-501, Dust Handling Vent																		2						
EQT049	70H-101, H-Oil Train 100 Feed Heater		2	2	1														2						
EQT050	70H-102, H-Oil Train 100 Hydrogen Heater		2	2	1														2						
EQT051	70H-201, H-Oil Train 200 Feed Heater		2	2															2						
EQT052	70H-202, H-Oil train 200 Hydrogen Heater		2	2	1														2						
EQT053	70H-302, H-Oil Vacuum Tower Heater				1														1	2					

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ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT054	70H-501, H-Oil Transport Oil Heater		2	1	1														2						
EQT055	76H-101, TGTU No. 2 Incinerator Stack				1														2	1					
EQT056	77H-101, TGTU No. 3 Incinerator Stack				1														2	1					
EQT057	78H-101, TGTU No. 4 Incinerator Stack				1														2	1					
EQT058	79H-402, HGU Boiler		2	1	1														1						
EQT059	79J-904, TORVEX Incinerator Stack				1														2						
EQT060	7F-1, Gas Oil Heater		2	2	1														2						
EQT061	82H-101, TGTU No. 5 Incinerator Stack				1														2	1					
EQT062	83H-101, VPS-2 Atmospheric tower Feed				1														1	2					
EQT063	83H-102, VPS-2 Vacuum Heater		2	2	1														2						
EQT064	85D-105, HGU WWTU Flare				1														2						
EQT065	94H-101, ISOM Reactor Feed Furnace		2	2	1														2						
EQT066	96H-201, HDS-1 Heater		2	2	1														2						
EQT067	AIR COMP, Diesel Fired Air Compressor																								

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ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT068	FCCU CAT, FCCU Catalyst Handling																		2						
EQT069	2F-301, FCCU Feed Heater				1														1	2					
EQT070	2F-302, FCCU Recycle Heater				1														1	2					
EQT071	FCCU WGS, FCCU Wet Gas Scrubber Stack				1														2	1					
EQT072	19AH-901, Refinery Flare No. 2				1														1						
EQT073	19F-3, Refinery Flare No. 1				2														1						
EQT074	19G-301, Refinery Flare No. 3				1														1						
EQT075	19G-302, Refinery Flare No. 4				1														1						
EQT076	HGU SU, HGU Start Up Flaring (Flares 1-4)																								
EQT077	14H-101, HTU-2 Train 1 Charge Heater		2	2	1														2						
EQT078	14H-201, HTU-2 Train 2 Charge Heater		2	2	1														2						
EQT079	14H-313, HTU-2 Stripper Reboiler		2	2	1														2						
EQT080	95H-101, HTU-3 Reactor Feed Heater		2	2	1														2						

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ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT081	95H-102, HTU-3 Stripper Reboiler Heater		2	2	1														2						
EQT082	LPG TRK RK, Liquid Petroleum Gas Truck Rack																		2						
EQT083	PAINT, Painting																								
EQT084	30D-301, Emergency Generator (NE Corner																				2				
EQT085	30D-302, Emergency Generator (S of ARU-3 and																				2				
EQT086	32G-15, Dock No. 1 – Firewater Pump																				2				
EQT087	33G-3, Firewater Diesel Engine																				2				
EQT088	33G-4, Wharf No. 2 Firewater Diesel Engine																				2				
EQT089	33G-5, Wharf No. 1 Firewater Diesel Engine																				2				
EQT090	33P-301, Firewater Diesel Engine																				2				
EQT091	37P-407, API-2 Diesel Pump																				2				
EQT092	PTU, Purge Treatment Unit																								
EQT093	RC RACK, Rail Car Loading/Unloading Rack																		2						

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ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT094	S TRK LDG, Sulfur Truck Loading																		2						
EQT095	TK CLNG, Tank Cleaning																								
EQT096	16D-302, Storage Tank					2			2										2						
EQT098	18D-1, Storage Tank					2			2	1				1					2						
EQT099	18D-102, Storage Tank					2			2										2						
EQT100	18D-19, Light Slop/Sour Water Tank					2			2										1						
EQT101	18D-2, Storage Tank					2			2										2						
EQT102	18D-8, Storage Tank					2			2										2						
EQT103	18T-8, API Sludge Tank					2			2					1					2						
EQT104	20AT-901, Storage Tank					2			2/1										1						
EQT105	20AT-902, Storage Tank					2			2/1										1						
EQT106	20AT-903, Storage Tank					2			2/1										1						
EQT107	20AT-904, Storage Tank					2			2/1										1						
EQT108	20AT-905, Storage Tank					2			2/1										1						
EQT109	20AT-907, Storage Tank					2			2/1					1					1						
EQT110	20D-1, Storage Tank					2			2										1						
EQT111	20D-10, Storage Tank					2			2										1						
EQT112	20D-102, Storage Tank					2			2										1						

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT113	20D-12, Storage Tank					2			2										1						
EQT114	20D-13, Storage Tank					2			2										1						
EQT115	20D-14, Storage Tank					2			2										1						
EQT116	20D-15, Storage Tank					1			2										1						
EQT117	20D-16, Storage Tank					2			2										1						
EQT118	20D-17, Storage Tank					2			2										1						
EQT119	20D-18, Storage Tank					2			2										1						
EQT120	20D-19, Storage Tank					2			2										1						
EQT121	20D-2, Storage Tank					2			2					1					1						
EQT122	20D-20, Storage Tank					1			2										1						
EQT123	20D-21, Storage Tank					1			2										1						
EQT124	20D-23, Storage Tank					2			2										1						
EQT125	20D-24, Storage Tank					2			2										1						
EQT126	20D-25, Storage Tank					2			2										1						
EQT127	20D-26, Storage Tank					2			2										1						
EQT128	20D-27, Storage Tank					2			2										1						
EQT129	20D-28, Storage Tank					1			2										1						
EQT130	20D-29, Storage Tank					2			2										1						
EQT131	20D-3, Storage Tank					2			2										1						

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT132	20D-30, Storage Tank					2			2										1						
EQT133	20D-31, Storage Tank					2			2										1						
EQT134	20D-32, Storage Tank					2			2										1						
EQT135	20D-33, Storage Tank					2			2										1						
EQT136	20D-34, Storage Tank					2			2										1						
EQT138	20D-36, Storage Tank					2			2	1				1					2						
EQT141	20D-4, Storage Tank					2			2										1						
EQT142	20D-40, Storage Tank					1			2										1						
EQT143	20D-42, Storage Tank					2			2										1						
EQT145	20D-44, Storage Tank					2			2										1						
EQT146	20D-45, Storage Tank					2			2										1						
EQT147	20D-46, Storage Tank					2			2										1						
EQT148	20D-47, Storage Tank					2			2	1				1					2						
EQT149	20D-49, Storage Tank					2			2										1						
EQT150	20D-5, Storage Tank					2			2										1						
EQT151	20D-51, Storage Tank					2			2										1						
EQT152	20D-52, Storage Tank					2			2										1						
EQT153	20D-53, Storage Tank					2			2										1						
EQT154	20D-54, Storage Tank					2			2																

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT155	20D-59, Storage Tank					2			2										2						
EQT156	20D-6, Storage Tank					2			2										1						
EQT157	20D-61, Storage Tank					2			2					1					1						
EQT158	20D-62, Storage Tank					2			2										1						
EQT159	20D-65, Storage Tank					2			2										1						
EQT160	20D-66, Storage Tank					2			2										1						
EQT161	20D-67, Storage Tank					2			2										1						
EQT162	20D-68, Storage Tank					2			2										1						
EQT163	20D-7, Storage Tank					2			2					1					1						
EQT164	20D-70, Storage Tank					2			2										1						
EQT165	20D-73, Storage Tank					2			2										2						
EQT166	20D-8, Storage Tank					2			2										1						
EQT167	20D-9, Storage Tank					2			2										1						
EQT168	20T-201, Storage Tank					2			2/1										1						
EQT169	20T-202, Storage Tank					1			2					1					1						
EQT170	20T-203, Storage Tank					2			2/1										1						
EQT171	20T-204, Storage Tank					2			2/1										1						
EQT172	20T-205, Storage Tank					2			2/1										1						
EQT173	20T-206, Storage Tank					2			2/1					1					1						

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT174	20T-207, Storage Tank					2			2/-										1						
EQT175	20T-209, Storage Tank					2			2/1										1						
EQT176	20T-210, Storage Tank					2			2/1					1					1						
EQT177	20T-211, Storage Tank					2			2/-										1						
EQT178	20T-212, Storage Tank					2			2/-										1						
EQT179	20T-213, Storage Tank					2			2/-										1						
EQT180	20T-214, Storage Tank					2			2/-										1						
EQT181	20T-215, Storage Tank					2			2/-										1						
EQT182	20T-216, Storage Tank					2			2/1										1						
EQT183	20T-217, Storage Tank					2			2/1										1						
EQT184	20T-218, Storage Tank					2			2/1										1						
EQT185	20T-219, Storage Tank					2			2										1						
EQT186	20T-220, Storage Tank					1			2										1						
EQT187	20T-221, Storage Tank					1			2										1						
EQT188	20T-302, Storage Tank					2			2/1										1						
EQT189	20T-303, Storage Tank					2			2/1					1					1						
EQT190	20T-306, Storage Tank					2			2										2						
2QT191	20T-307, Storage Tank					2			2/1										1						
EQT192	22AF-101, Storage Tank					2			2										2						

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT193	22AF-102, Storage Tank					2			2										2						
EQT194	2AT-101, Storage Tank					2			2										2						
EQT195	2D-361, Storage Tank					2			2										2						
EQT196	2D-362, Storage Tank					2			2										2						
EQT197	2D-365, Storage Tank					2			2										2						
EQT199	31D-823, Storage Tank					2			2										2						
EQT200	31T-301, Storage Tank					2			2										2						
EQT201	37T-301, Storage Tank					1			2					1					1						
EQT202	37T-311, API Sludge Tank					2			2					1					2						
EQT203	37T-314, Storage Tank					1			2					1					1						
EQT204	37T-315, Storage Tank					1			2					1					1						
EQT205	37T-316, Storage Tank					1			2					1					1						
EQT206	37T-317, Storage Tank					1			2					1					1						
EQT207	41T-2, Storage Tank					2			2										2						
EQT208	41T-3, Storage Tank					2			2										2						
EQT209	41T-4, Storage Tank					2			2										2						
EQT210	71T-302, Storage Tank					2			2										2						
EQT211	71T-303, Storage Tank					2			2										2						
EQT212	76T-102, Storage Tank					2			2										2						

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82
EQT213	76T-103, Storage Tank					2			2										2						
EQT214	89T-101, Storage Tank					2			2										1						
EQT215	89T-102, Storage Tank					2			2										1						
EQT216	PTU TANK, Treated PTU Tank																								
EQT217	WWTU, Process Wastewater									1				1					1						
EQT226	CRU, Catalytic Reformer Unit																			1					
EQT227	32E-1, Cooling Tower No. 1									2												2			
EQT228	32UT-301, Cooling Tower No. 2									2												2			
EQT229	35U-1, Cooling Tower No. 3									2												2			
EQT230	32U-4, Cooling Tower No. 5									2												2			
FUG002	GEN PLANT, General Plant Fugitive Emissions							1		1			1						1						

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS									40 CFR 61				40 CFR 63 NESHAP								40 CFR		
		A	Db	Dc	J	Kb	VV	GGG	K/Ka	QQQ	A	M	V	FF	A	F	G	Y	CC	UUU	4Zs	Q	64	68	82

KEY TO MATRIX

1 - The regulations have applicable requirements which apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT27, 55, 56, 57, and 61 17AH-103, 76H-101, 77H-101, 78H-101, and 82H-101-- Incinerator Stack Nos. 1, 2, 3, 4 and 5	Control of Emissions of Carbon Monoxide	Does not apply	LAC 33:III.1705	Not an affected source
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.640(d)(4)	Does not apply to FCCU catalyst regeneration vents
EQT28 19G-305 -- Flare No. 5 dock No. 1 and 2 Vapor Recovery	Waste Gas Disposal	Does not apply	LAC 33:III.2115	Controlled under federal requirements
	NESHAP, Subpart Y – For Marine Tank Vessel Loading Operation	Does not apply	40 CFR 63.560(a)(2)	Total emissions from this source less than 10/25 tons per year
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.641	Group 2 marine tank vessels
EQT29, 30, 53, 62, 69, and 70 1F-201, 1F-202, 70H-302, 83H-101, 2F-301, and 2F-302 – Heaters	Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.Chapter 51 – State Only	Exempt	LAC 33:III.5105.B.3.a	Fuel – Mixture of natural gas and refinery fuel gas
	NESHAP, Subpart UUU – Petroleum Refineries: Catalytic Cracking Units, Reforming Units and Sulfur Recovery Units	Does not apply	40 CFR 63.1562(b)(1)	Vents not associated with regeneration of the catalyst

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT31, 49 thru 52, 54, 60, 63, 65, 66, and 77 thru 81 15-251, 70H-101, 70H-102, 70H-201, 70H-202, 70H-501, 7F-1, 83H-102, 94H-101, 96H-201, 14H-101, 14H-201, 14H-313, 95H-101, and 95H-101 Heaters	Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.Chapter 51 – State Only	Exempt	LAC 33:III.5105.B.3.a	Fuel – Mixture of natural gas and refinery fuel gas
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.643	Group 2 process vent
EQT32 and 47 FCCU Compressor Turbine and CRU Recycle Gas Turbine	Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.Chapter 51 – State Only	Exempt	LAC 33:III.5105.B.3.a	Fuel – Mixture of natural gas and refinery fuel gas
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.640(c)	Not an affected source
EQT33, 34, and 37 31F-801, 31F-802, and 31F-810 – Boiler No. 1 and 2, and Steam Boiler	Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.Chapter 51 – State Only	Exempt	LAC 33:III.5105.B.3.a	Fuel – Mixture of natural gas and refinery fuel gas
	NSPS, Subpart Dc – Small Industrial-Commercial-Institutional Steam Generating Units	Does not apply	40 CFR 60.40c(a)	Capacity greater than 100 MM BTU/hr
EQT35 and 36 31F-803 and 31F-805 – Boiler Nos. 3 and 4	Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.Chapter 51 – State Only	Exempt	LAC 33:III.5105.B.3.a	Fuel – Mixture of natural gas and refinery fuel gas

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT35 and 36 31F-803 and 31F-805 – Boiler Nos. 3 and 4 (Continued)	NSPS, Subparts D, Db and Dc – Steam Generators	Does not apply	40 CFR 60.40(c) 40 CFR 60.40b(a) 40 CFR 60.40c(a)	Date of construction, capacity, and no modification undertaken
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.640(c)	Not an affected source
EQT38 thru 46 3F-401 thru 3F-404 and 4F501 thru 504	Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.Chapter 51 – State Only	Exempt	LAC 33:III.5105.B.3.a	Fuel – Mixture of natural gas and refinery fuel gas
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.643	Group 2 process vent
EQT58 79H-402 -- HGU Boiler	Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.Chapter 51 – State Only	Exempt	LAC 33:III.5105.B.3.a	Fuel – Mixture of natural gas and refinery fuel gas
	NSPS, Subpart Db – Industrial-Commercial-Institutional Steam Generating Units	Does not apply	40 CFR 60.40b(a)	Capacity less than 100 MM BTU/hr
EQT59 79J-904 – TORVEX Incinerator Exhaust	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.643	Group 2 process vent
EQT64 HGU WWTU Flare	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.641	Group 2 process vent
EQT68 FCCU CAT – FCCU Catalyst Handing	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.640(c)	Not an affected source
EQT71 FCCU Wet Gas Scrubber	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.640(d)(4)	Does not apply to FCCU catalyst regeneration vents

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT72, 73, 74, and 75 19AH-901, 19F-3, 19G-301, and 19G-302 Flares Nos. 1 thru 4	Waste Gas Disposal	Does not apply	LAC 33:III.2115	Controlled under federal requirements
EQT73 19F-3 – Flare No. 1	Waste Gas Disposal	Does not apply	LAC 33:III.2115	Controlled under federal requirements
	NSPS, Subpart J – Petroleum Refineries	Does not apply	40 CFR 60.100(b)	Constructed or modified before June 11, 1973
EQT82, 93, and 94 LPG TRK RK, RC Rack, and S TRK LDG -- LPG Truck Rack, Rail Car Rack, and Sulfur Loading	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.640(c)	Not an affected source
EQT84 thru EQT91 30D-301, 30D-302, 32G-15, 33-G3,33-G4, 33-G5, 33P-301 and 37P-407 – Diesel Pumps and Generators	Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.Chapter 51 – State Only	Exempt	LAC 33:III.5105.B.3.a	Fuel – Mixture of natural gas and refinery fuel gas
EQT84 and 85	NESHAP, Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines (RICE)	Exempt	40 CFR 63.6590(b)(1)(i)	Emergency Stationary RICE
EQT86, 87, 90 and 91		Does not apply	40 CFR 63.6590(a)	Engines less than or equal to 500 bhp
EQT88 and 89		Does not apply	40 CFR 63.6590(b)	Existing Stationary RICE
EQT96, 194, and 210 16T-302, 17BT-102, 2AT-101, and 71T-302 Storage Tanks	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	The max. total vapor pressure of the stored material is less than 1.5 psia

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT96, 194, and 210 16T-302, 17BT-102, 2AT-101, and 71T-302 Storage Tanks (Continued)	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on definition Based on definition Based on vapor pressure
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.641	Based on no HAPs
EQT98, 101, 138, 148, and 165 18D-1, 18D-2, 20D-36, 20D-47, and 20D-73 Storage Tanks	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on date of construction Based on date of construction Based on date of construction
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.641	Based on definition
EQT99, 102, 195, 196, 197, 199, 209, 211, 212, and 213 18D-102, 18D-8, 2D-361, 2D-362, 2D-365, 31D-823, 41T-4, 71T-303, 76T-102, and 76T-103 Storage Tanks	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	The max. total vapor pressure of the stored material is less than 1.5 psia
	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on capacity Based on capacity Based on vapor pressure
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.641	Based on definition
EQT100, 153, and 154 18D-19, 20D-53, and 20D-54 – Storage Tanks	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on definition Based on definition Based on date of construction

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ID No:	Requirement	Status	Citation	Explanation
EQT103, 155, 192, and 193 18T-8, 20D-59, 22AF-101, and 22AF-102 Storage Tanks	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	The max. total vapor pressure of the stored material is less than 1.5 psia
	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on capacity Based on capacity Based on capacity
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.641	Based on definition
EQT104, 105, 106, 107, 168,170, 171, 172, 175, 182, 183, 184, 188, and 191 20AT-901, 20AT-902, 20AT-903, 20AT-904, 20T-201, 20T-203, 20T-204, 20T-205, 20T-209, 20T-216, 20T-217, 20T-218, 20T-302, and 20T-307 Storage Tanks	NSPS, Subpart K NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110b	Based on date of construction Based on date of construction
EQT108, 174, 177 thru 181 20AT-905, 20T-207, and 20T-211 thru 20T-215 Storage Tanks	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	The max. total vapor pressure of the stored material is less than 1.5 psia
	NSPS, Subpart K NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110b	Based on date of construction Based on date of construction
EQT109, 173, 176, and 189 20AT-907, 20T-206, 20T-210, and 20T-303 Storage Tanks	NSPS, Subpart K NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110b	Based on date of construction Based on date of construction

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CONVENT REFINERY
AGENCY INTEREST NO. 2719
MOTIVA ENTERPRISES LLC
CONVENT, ST. JAMES PARISH, LOUISIANA

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT110, 111, 112, 113, 119, 120, 121, 124, 125, 126, 127, 128, 130, 132, 136, 141, 150, 156, 157, 160, 161, 162, 163, 164, and 166 20D-1, 20D-10, 20D-102, 20D-12, 20D-18, 20D-19, 20D-2, 20D-23, 20D-24, 20D-25, 20D-26, 20D-27, 20D-29, 20D-30, 20D-34, 20D-4, 20D-5, 20D-6, 20D-61, 20D-66, 20D-67, 20D-68, 20D-7, 20D-70, 20D-8 Storage Tanks	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on date of construction Based on date of construction Based on date of construction
EQT114, 115, 117, 118, 133, 134, 135, 146, 147, 149, 158, and 167 20D-13, 20D-14, 20D-16, 20D-31, 20D-32, 20D-33, 20D-45, 20D-46, 20D-49, 20D-62, and 20D-9 Storage Tanks	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	The max. total vapor pressure of the stored material is less than 1.5 psia
	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on date of construction Based on date of construction Based on capacity and/or vapor pressure

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CONVENT REFINERY
AGENCY INTEREST NO. 2719
MOTIVA ENTERPRISES LLC
CONVENT, ST. JAMES PARISH, LOUISIANA

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT116, 122, 123, 129, 142, 186, 187, 203, 204, 205, and 206 20D-15, 20D-20, 20D-21, 20D-28, 20D-40, 20T-220, 20T-221, 37T-314, , 37T-315, 37T-316, and 37T-317	NSPS, Subpart K NSPS, Subpart Ka	Does not apply	40 CFR 60.110 40 CFR 60.110a	Based on date of construction Based on date of construction
EQT143 and 145 20D-42 and 20D-44 Storage Tanks	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on capacity Based on capacity Based on capacity
EQT151, 152, 214, and 215 20D-51, 20D-52, 89T-101, and 89T-102 Storage Tanks	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	The max. total vapor pressure of the stored material is less than 1.5 psia
	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on definition Based on definition Based on date of construction
EQT185 20T-219 Storage Tank	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	The max. total vapor pressure of the stored material is less than 1.5 psia
	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on date of construction Based on date of construction Based on capacity and/or vapor pressure
EQT190 and 202 20T-306 and 37T-311 Storage Tanks	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	The max. total vapor pressure of the stored material is less than 1.5 psia

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CONVENT REFINERY
AGENCY INTEREST NO. 2719
MOTIVA ENTERPRISES LLC
CONVENT, ST. JAMES PARISH, LOUISIANA

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT190 and 202 20T-306 and 37T-311 Storage Tanks (Continued)	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on definition Based on definition Based on date of construction
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.641	Based on definition
EQT169 and 201 20T-202 and 37T-301 Storage Tanks	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on date of construction Based on date of construction Based on date of construction
EQT207 and 208 41T-2 and 41T-3 Storage Tanks	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Based on capacity Based on capacity Based on capacity
	NESHAP, Subpart CC –HAPs from Petroleum Refineries	Does not apply	40 CFR 63.641	Based on definition
EQT227 thru EQT230 32E-1, 32UT-301, 35U-1 and 32U-4 – Cooling Water Towers	NSPS, Subpart QQQ – VOC emissions from Petroleum Refinery Wastewater System	Does not apply	40 CFR 60.692-1(d)(3)	Non-contact cooling water system
	NESHAP, Subpart Q – HAPs for Industrial Process Cooling Towers	Does not apply	40 CFR 63.400(a)	Does not use chromium-based water treatment chemicals
UNF001 Convent Refinery	NESHAP, Subpart EEEE – Organic Liquids Distribution (Non Gasoline)	-	40 CFR 63.9(b) 40 CFR 63.2383(b)(1)	Initial notification submitted June 2, 2004. Up dated on February 1,2007
The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section X of this permit				

40 CFR PART 70 GENERAL CONDITIONS

A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]

B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]

C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]

D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]

E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]

F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]

G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:

1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];

3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

40 CFR PART 70 GENERAL CONDITIONS

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]

I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]

J. Records of required monitoring shall include the following:

1. the date, place as defined in the permit, and time of sampling or measurements;
2. the date(s) analyses were performed;
3. the company or entity that performed the analyses;
4. the analytical techniques or methods used;
5. the results of such analyses; and
6. the operating conditions as existing at the time of sampling or measurement.

[Reference 40 CFR 70.6(a)(3)(ii)(A)]

K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]

L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence

that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]

P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]

Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:

1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;

2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;

3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

5. changes in emissions would not qualify as a significant modification; and

6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).

1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

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3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

   a. Report by June 30 to cover January through March
   b. Report by September 30 to cover April through June
   c. Report by December 31 to cover July through September
   d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;

2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;

3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;

4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);

5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and

6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

40 CFR PART 70 GENERAL CONDITIONS

U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.

II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated February 22, 2008; as well as additional information dated February 27, May 12 and 14, June 5, and as of June 19, 2008.

IV. This permit shall become invalid, for the sources not constructed, if:

A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;

B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.

VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.

X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.

XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.

A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:

1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

D. Each report submitted in accordance with this condition shall contain the following information:

1. Description of noncomplying emission(s);
2. Cause of noncompliance;
3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;

B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;

C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and

D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude

prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of the permit may be appealed to the secretary in writing pursuant to La. R.S. 30:2024(A) within 30 days from notice of the permit action. A request may be made to the secretary to suspend those provisions of the permit specifically appealed. The permit remains in effect to the extent that the secretary or assistant secretary does not elect to suspend the appealed provisions as requested or, at his discretion, other permit provisions as well. Construction cannot proceed, except as specifically approved by the secretary or assistant secretary, until a final decision has been rendered on the appeal. A request for hearing must be sent to the Office of the Secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 2719 Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Also Known As:

ID	Name	User Group	Start Date
2560-00001	Motiva Enterprises LLC - Convent Refinery	CDS Number	05-27-1993
76-0262490	Star Enterprise	Federal Tax ID	11-21-1999
LAD065485146	Motiva Enterprises LLC - Convent Refinery	Hazardous Waste Notification	10-01-1999
LA0006041	WPC File Number	LPDES Permit #	05-22-2003
LAR10B768	LPDES #	LPDES Permit #	02-28-2002
LAR10C210	LPDES Permit #	LPDES Permit #	08-08-2004
LAR10C540	LPDES Permit #	LPDES Permit #	08-08-2004
WP0406	WPC State Permit Number	LWDPS Permit #	06-25-2003
	Motiva/Convent Refinery	Multimedia	08-05-2002
	Priority 1 Emergency SitePriority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
LA-4668-L01	Radioactive Material License	Radiation License Number	07-22-1999
7312	X-Ray Registration Number.	Radiation X-ray Registration Number	11-21-1999
81928	Star Enterprise	Solid Waste	01-08-2002
GD-093-1513	Star Enterprise	Solid Waste	01-08-2002
GD-093-1513	Site ID #	Solid Waste Facility No.	04-30-2001
38903	Motiva Enterprises LLC	TEMPO Merge	11-01-2001
47204	Star Enterprise - Convent Refinery	TEMPO Merge	07-30-2001
69974	Motiva - Convent Refinery	TEMPO Merge	07-29-2001
81928	Star Enterprise	TEMPO Merge	08-13-2001
70723TXCRFFOOTO	TRI #	Toxic Release Inventory	07-29-2004
1919	UST Case History Case Number	UST Case Number	11-21-1999
47011432	UST Facility ID (from UST legacy data)	UST FID #	10-12-2002

Physical Location: Hwys 44 & 70
Convent, LA 70723

Main FAX: 2255626874
Main Phone: 2255627681

Mailing Address: PO Box 37
Convent, LA 707230037

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Armand Abay	PO Box 37 Convent, LA 707230037		Employed by
William Cupp	3433 Hwy 190 PMB 342 Mandeville, LA 70448	9857279832 (WP)	Employed by
Donald Faucheux	PO Box 37 Convent, LA 707230037	2255626712 (WP)	Radiation Safety Officer for
Donald Faucheux	PO Box 37 Convent, LA 707230037	2255626874 (WF)	Radiation Safety Officer for
Donald Faucheux	PO Box 37 Convent, LA 707230037	2255626712 (WP)	Radiation Contact For

General Information

AI ID: 2719 Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Donald Faucheux	PO Box 37 Convent, LA 707230037	2255626874 (WF)	Radiation Registration Billing Party for
Donald Faucheux	PO Box 37 Convent, LA 707230037	2255626874 (WF)	Radiation License Billing Party for
Donald Faucheux	PO Box 37 Convent, LA 707230037	2255626712 (WP)	Radiation License Billing Party for
Donald Faucheux	PO Box 37 Convent, LA 707230037	2255626712 (WP)	Radiation Registration Billing Party for
Donald Faucheux	PO Box 37 Convent, LA 707230037	2255626874 (WF)	Radiation Contact For
Mark Koslicki	PO Box 37 Convent, LA 707230037	2255626747 (WP)	Accident Prevention Billing Party for
Mark Koslicki	PO Box 37 Convent, LA 707230037	2255626874 (WF)	Accident Prevention Billing Party for
Heath McCartney		2255626324 (WP)	Underground Storage Tank Contact for
Darrin Miletello	PO Box 37 Convent, LA 707230037	2255626724 (WP)	Accident Prevention Contact for
Darrin Miletello	PO Box 37 Convent, LA 707230037	2255626875 (WF)	Accident Prevention Contact for
Joshua O'Brien	PO Box 37 Convent, LA 707230037	JOSHUA.OBRIEN@	Emission Inventory Contact for
Joshua O'Brien	PO Box 37 Convent, LA 707230037	2255626871 (WP)	Emission Inventory Contact for
William Paul	PO Box 37 Convent, LA 707230037		Solid Waste Billing Party for
Craig Perque	PO Box 37 Convent, LA 707230037	2255626323 (WP)	Employed by
Craig Perque	PO Box 37 Convent, LA 707230037	2255626323 (WP)	Haz. Waste Billing Party for
Douglas Quinn	PO Box 37 Convent, LA 707230037	2255627681 (WP)	Responsible Official for
Susan Staley	PO Box 37 Convent, LA 707230037		Air Permit Contact For
Susan Staley	PO Box 37 Convent, LA 707230037		Water Billing Party for

Related Organizations:

Name	Address	Phone (Type)	Relationship
EMS Environmental Inc	PO Box 1531 Gramercy, LA 700521531	5048691010 (WP)	Provides environmental services for
EMS Environmental Inc	PO Box 1531 Gramercy, LA 700521531	5048695426 (WF)	Provides environmental services for
Motiva Enterprises LLC	Attn Heath McCartney Convent, LA 707230037	2255626874 (WF)	UST Billing Party for
Motiva Enterprises LLC	Attn Heath McCartney Convent, LA 707230037	2255626874 (WF)	Owns
Motiva Enterprises LLC	Attn Heath McCartney Convent, LA 707230037	2255626874 (WF)	Air Billing Party for
Motiva Enterprises LLC	Attn Heath McCartney Convent, LA 707230037	2255626874 (WF)	Emission Inventory Billing Party

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Convent Refinery						
EQT0027	17AH-103 - TGTU No. 1 Incinerator Stack		35.7 MM BTU/hr	35.7 MM BTU/hr	Oxygen enrichment	8760 hr/yr (All Year)
EQT0028	19G-305 - Flare No. 5 - Dock No. 1 & 2 Vapor Recovery		290 MM scf/hr	125 MM scf/hr		8760 hr/yr (All Year)
EQT0029	1F-201 - VPS-1 Atmospheric Heater		231 MM BTU/hr	165 MM BTU/hr		8760 hr/yr (All Year)
EQT0030	1F-202 - VPS-1 Atmospheric Heater		231 MM BTU/hr	165 MM BTU/hr		8760 hr/yr (All Year)
EQT0031	1F-251 - VPS-1 Vacuum Heater		91 MM BTU/hr	66 MM BTU/hr		8760 hr/yr (All Year)
EQT0032	2KT-331 - FCCU HP Fuel Gas Compressor Turbine		310 MM BTU/hr	245 MM BTU/hr		8760 hr/yr (All Year)
EQT0033	31F-801 - Boiler No. 1		457 MM BTU/hr	345 MM BTU/hr	Ultra Low NOx Burners	8760 hr/yr (All Year)
EQT0034	31F-802 - Boiler No. 2		457 MM BTU/hr	345 MM BTU/hr	Ultra Low NOx Burners	8760 hr/yr (All Year)
EQT0035	31F-803 - Boiler No. 3		457 MM BTU/hr	345 MM BTU/hr	Ultra Low NOx Burners	8760 hr/yr (All Year)
EQT0036	31F-805 - Boiler No. 4		400 MM BTU/hr	355 MM BTU/hr		8760 hr/yr (All Year)
EQT0037	31F-810 - Boiler		570 MM BTU/hr	570 MM BTU/hr		8760 hr/yr (All Year)
EQT0038	3F-401 - HTU-1 HSR Charge Heater		82 MM BTU/hr	63 MM BTU/hr	Vents through Common Stack, EQT0046	8760 hr/yr (All Year)
EQT0039	3F-402 - HTU-1 Kerosene Charge Heater		65.8 MM BTU/hr	47 MM BTU/hr	Vents through Common Stack, EQT0046	8760 hr/yr (All Year)
EQT0040	3F-403 - HTU-1 HSR Reboiler		105 MM BTU/hr	75 MM BTU/hr	Vents through Common Stack, EQT0046	8760 hr/yr (All Year)
EQT0041	3F-404 - HTU-1 Kerosene Reboiler		99 MM BTU/hr	85 MM BTU/hr	Vents through Common Stack, EQT0046	8760 hr/yr (All Year)
EQT0042	4F-501 - CRU Charge Heater		173.6 MM BTU/hr	124 MM BTU/hr	Vents through Common Stack, EQT0046	8760 hr/yr (All Year)
EQT0043	4F-502 - CRU Inter Heater No. 1		182 MM BTU/hr	130 MM BTU/hr	Vents through Common Stack, EQT0046	8760 hr/yr (All Year)
EQT0044	4F-503 - CRU Inter Heater No. 3		69 MM BTU/hr	29 MM BTU/hr	Vents through Common Stack, EQT0046	8760 hr/yr (All Year)
EQT0045	4F-504 - CRU Inter Heater No. 2		77.6 MM BTU/hr	53 MM BTU/hr	Vents through Common Stack, EQT0046	8760 hr/yr (All Year)
EQT0046	4F-508 - CRU-HTU Common Stack			733 MM BTU/hr	Common Stack	8760 hr/yr (All Year)
EQT0047	4KT-501 - CRU Recycle Compressor Gas Turbine		165 MM BTU/hr	127 MM BTU/hr	Vents through Common Stack, EQT0046	8760 hr/yr (All Year)
EQT0048	70D-501 - Dust Handling Vent			1825 tons/yr	catalyst	8760 hr/yr (All Year)
EQT0049	70H-101 - H-Oil Train 100 Feed Heater		72.8 MM BTU/hr	52 MM BTU/hr	Common stack with EQT050	8760 hr/yr (All Year)
EQT0050	70H-102 - H-Oil Train 100 Hydrogen Heater		39 MM BTU/hr	28 MM BTU/hr	Common stack with EQT049	8760 hr/yr (All Year)
EQT0051	70H-201 - H-Oil Train 200 Feed Heater		72.8 MM BTU/hr	52 MM BTU/hr	Common stack with EQT052	8760 hr/yr (All Year)
EQT0052	70H-202 - H-Oil Train 200 Hydrogen Heater		36 MM BTU/hr	25.5 MM BTU/hr	Common stack with EQT051	8760 hr/yr (All Year)
EQT0053	70H-302 - H-Oil Vacuum Tower Heater		61.2 MM BTU/hr	47 MM BTU/hr		8760 hr/yr (All Year)
EQT0054	70H-501 - H-Oil Transport Oil Heater		21 MM BTU/hr	15 MM BTU/hr		8760 hr/yr (All Year)
EQT0055	76H-101 - TGTU No. 2 Incinerator Stack		23 MM BTU/hr	15 MM BTU/hr	Oxygen enrichment	8760 hr/yr (All Year)
EQT0056	77H-101 - TGTU No. 3 Incinerator Stack		23 MM BTU/hr	15 MM BTU/hr	Oxygen enrichment	8760 hr/yr (All Year)
EQT0057	78H-101 - TGTU No. 4 Incinerator Stack		23 MM BTU/hr	15 MM BTU/hr	Oxygen enrichment	8760 hr/yr (All Year)
EQT0058	79H-402 - HGU Boiler		45 MM BTU/hr	41 MM BTU/hr		8760 hr/yr (All Year)
EQT0059	79J-904 - TORVEX Incinerator Exhaust		41.3 MM BTU/hr	26.8 MM BTU/hr		8760 hr/yr (All Year)
EQT0060	7F-1 - Gas Oil Heater		182 MM BTU/hr	130 MM BTU/hr		8760 hr/yr (All Year)

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INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Convent Refinery						
EQT0061	82H-101 - TGTU No. 5 Incinerator Stack		23 MM BTU/hr	15 MM BTU/hr	Oxygen enrichment	8760 hr/yr (All Year)
EQT0062	83H-101 - VPS-2 Atmospheric Tower Feed Heater		361 MM BTU/hr	332 MM BTU/hr	Common Stack with EQT063	8760 hr/yr (All Year)
EQT0063	83H-102 - VPS-2 Vacuum Heater		134.4 MM BTU/hr	96 MM BTU/hr	Common Stack with EQT062	8760 hr/yr (All Year)
EQT0064	85D-105 - HGU WWTU Flare		1.39 MM scf/hr	1.39 MM scf/hr	NG and Ammonia Waste Gas	8760 hr/yr (All Year)
EQT0065	94H-101 - ISOM Reactor Feed Furnace		35 MM BTU/hr	28 MM BTU/hr		8760 hr/yr (All Year)
EQT0066	96H-201 - HDS-1 Heater		140 MM BTU/hr	100 MM BTU/hr		8760 hr/yr (All Year)
EQT0067	AIR COMP - Diesel Fired Air Compressors			137454 gallons/yr	Diesel	8760 hr/yr (All Year)
EQT0068	FCCU CAT - FCCU Catalyst Handling				catalyst	737 hr/yr (All Year)
EQT0069	2F-301 - FCCU Feed Heater		125.46 MM BTU/hr	89.36 MM BTU/hr		8760 hr/yr (All Year)
EQT0070	2F-302 - FCCU Recycle Heater		114.8 MM BTU/hr	82 MM BTU/hr		8760 hr/yr (All Year)
EQT0071	FCCU WGS - FCCU Wet Gas Scrubber Stack		70900 lb/hr	69900 lb/hr		8760 hr/yr (All Year)
EQT0072	19AH-901 - Refinery Flare No. 2		2896.33 MM BTU/hr			8760 hr/yr (All Year)
EQT0073	19F-3 - Refinery Flare No. 1		2896.33 MM BTU/hr			8760 hr/yr (All Year)
EQT0074	19G-301 - Refinery Flare No. 3		2896.33 MM BTU/hr			8760 hr/yr (All Year)
EQT0075	19G-302 - Refinery Flare No. 4		2896.33 MM BTU/hr			8760 hr/yr (All Year)
EQT0076	HGU SU - HGU Start Up Flaring (Flares 1-4)		486 MM scf/hr	1.5 MM scf/hr		8760 hr/yr (All Year)
EQT0077	14H-101 - HTU-2 Train 1 Charge Heater		41.3 MM BTU/hr	29.5 MM BTU/hr		8760 hr/yr (All Year)
EQT0078	14H-201 - HTU-2 Train 2 Charge Heater		49 MM BTU/hr	35 MM BTU/hr		8760 hr/yr (All Year)
EQT0079	14H-313 - HTU-2 Stripper Reboiler		74.2 MM BTU/hr	48.3 MM BTU/hr		8760 hr/yr (All Year)
EQT0080	95H-101 - HTU-3 Reactor Feed Heater		58.8 MM BTU/hr	32.91 MM BTU/hr		8760 hr/yr (All Year)
EQT0081	95H-102 - HTU-3 Stripper Reboiler Heater		79 MM BTU/hr	35 MM BTU/hr		8760 hr/yr (All Year)
EQT0082	LPG TRK RK - Liquid Petroleum Gas (LPG) truck Rack			60 Trucks/day		8190 hr/yr (All Year)
EQT0083	PAINT - Painting		7500 gallons/yr			8760 hr/yr (All Year)
EQT0084	30D-301 - Emergency Generator (NE Corner HGU)		1800 horsepower	1800 horsepower		8760 hr/yr (All Year)
EQT0085	30D-302 - Emergency Generator (S of ARU-3 and Plant 10)		1800 horsepower	1800 horsepower		8760 hr/yr (All Year)
EQT0086	32G-15 - Dock No. 1 - Firewater Pump		550 horsepower	550 horsepower		8760 hr/yr (All Year)
EQT0087	33G-3 - Firewater Diesel Engine		340 horsepower	340 horsepower		8760 hr/yr (All Year)
EQT0088	33G-4 - Wharf No. 2 Firewater Diesel Engine		625 horsepower	625 horsepower		8760 hr/yr (All Year)
EQT0089	33G-5 - Wharf No. 1 Firewater Diesel Engine		625 horsepower	625 horsepower		8760 hr/yr (All Year)
EQT0090	33P-301 - Firewater Diesel Engine		495 horsepower	495 horsepower		8760 hr/yr (All Year)
EQT0091	37P-407 - API-2 Diesel Pump		358 horsepower	358 horsepower		8760 hr/yr (All Year)
EQT0092	PTU - Purge Treatment Unit			615 gallons/min		8760 hr/yr (All Year)
EQT0093	RC RACK - Rail Car Loading/Unlaoding Rack			5840 Tank cars/year		5824 hr/yr (All Year)
EQT0094	S TRK LDG - Sulfur Truck Loading				21,900 trucks/yr	8760 hr/yr (All Year)
EQT0095	TK CLNG - Tank Cleaning					8760 hr/yr (All Year)
EQT0096	16T-302 - Storage Tank	79380 gallons				8760 hr/yr (All Year)
EQT0098	18D-1 - Storage Tank	451584 gallons			IFR	8760 hr/yr (All Year)
EQT0099	18D-102 - Storage Tank	10557 gallons			FR	8760 hr/yr (All Year)
EQT0100	18D-19 - Light Slop/Wour Water Tank	99540 gallons			FR	8760 hr/yr (All Year)
EQT0101	18D-2 - Storage Tank	82992 gallons			IFR	8760 hr/yr (All Year)

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INVENTORIES

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Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Convent Refinery						
EQT0102	18D-8 - Storage Tank	20706 gallons			FR	8760 hr/yr (All Year)
EQT0103	18T-8 - Storage Tank	18690 gallons			FR	8760 hr/yr (All Year)
EQT0104	20AT-901 - Storage Tank	21.17 million gallons			EFR	8760 hr/yr (All Year)
EQT0105	20AT-902 - Storage Tank	21.17 million gallons			EFR	8760 hr/yr (All Year)
EQT0106	20AT-903 - Storage Tank	21.17 million gallons			EFR	8760 hr/yr (All Year)
EQT0107	20AT-904 - Storage Tank	8.38 million gallons			IFR	8760 hr/yr (All Year)
EQT0108	20AT-905 - Storage Tank	6.35 million gallons			FR	8760 hr/yr (All Year)
EQT0109	20AT-907 - Storage Tank	611226 gallons			IFR	8760 hr/yr (All Year)
EQT0110	20D-1 - Storage Tank	9.14 million gallons			EFR	8760 hr/yr (All Year)
EQT0111	20D-10 - Storage Tank	13.65 million gallons			EFR	8760 hr/yr (All Year)
EQT0112	20D-102 - Storage Tank	11.28 million gallons			IFR	8760 hr/yr (All Year)
EQT0113	20D-12 - Storage Tank	7.68 million gallons			EFR	8760 hr/yr (All Year)
EQT0114	20D-13 - Storage Tank	2.29 million gallons			FR	8760 hr/yr (All Year)
EQT0115	20D-14 - Storage Tank	3.41 million gallons			FR	8760 hr/yr (All Year)
EQT0116	20D-15 - Storage Tank	7.29 million gallons			EFR	8760 hr/yr (All Year)
EQT0117	20D-16 - Storage Tank	3.41 million gallons			FR	8760 hr/yr (All Year)
EQT0118	20D-17 - Storage Tank	2.28 million gallons			FR	8760 hr/yr (All Year)
EQT0119	20D-18 - Storage Tank	6.34 million gallons			IFR	8760 hr/yr (All Year)
EQT0120	20D-19 - Storage Tank	4.25 million gallons			IFR	8760 hr/yr (All Year)
EQT0121	20D-2 - Storage Tank	9.14 million gallons			EFR	8760 hr/yr (All Year)
EQT0122	20D-20 - Storage Tank	3.41 million gallons			IFR	8760 hr/yr (All Year)
EQT0123	20D-21 - Storage Tank	1.54 million gallons			IFR	8760 hr/yr (All Year)
EQT0124	20D-23 - Storage Tank	3.41 million gallons			EFR	8760 hr/yr (All Year)
EQT0125	20D-24 - Storage Tank	1.54 million gallons			EFR	8760 hr/yr (All Year)
EQT0126	20D-25 - Storage Tank	3.41 million			EFR	8760 hr/yr (All Year)

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INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Convent Refinery						
		gallons				
EQT0127	20D-26 - Storage Tank	2.28 million gallons			EFR	8760 hr/yr (All Year)
EQT0128	20D-27 - Storage Tank	3.41 million gallons			EFR	8760 hr/yr (All Year)
EQT0129	20D-28 - Storage Tank	2.28 million gallons			EFR	8760 hr/yr (All Year)
EQT0130	20D-29 - Storage Tank	4.34 million gallons			EFR	8760 hr/yr (All Year)
EQT0131	20D-3 - Storage Tank	9.14 million gallons			EFR	8760 hr/yr (All Year)
EQT0132	20D-30 - Storage Tank	5.06 million gallons			EFR	8760 hr/yr (All Year)
EQT0133	20D-31 - Storage Tank	5.06 million gallons			FR	8760 hr/yr (All Year)
EQT0134	20D-32 - Storage Tank	5.06 million gallons			FR	8760 hr/yr (All Year)
EQT0135	20D-33 - Storage Tank	2.28 million gallons			FR	8760 hr/yr (All Year)
EQT0136	20D-34 - Storage Tank	2.28 million gallons			IFR	8760 hr/yr (All Year)
EQT0138	20D-36 - Storage Tank	853020 gallons			IFR	8760 hr/yr (All Year)
EQT0141	20D-4 - Storage Tank	13.65 million gallons			EFR	8760 hr/yr (All Year)
EQT0142	20D-40 - Storage Tank	5.12 million gallons			EFR	8760 hr/yr (All Year)
EQT0143	20D-42 - Storage Tank	14700 gallons			FR	8760 hr/yr (All Year)
EQT0145	20D-44 - Storage Tank	14700 gallons			FR	8760 hr/yr (All Year)
EQT0146	20D-45 - Storage Tank	2.28 million gallons			FR	8760 hr/yr (All Year)
EQT0147	20D-46 - Storage Tank	5.06 million gallons			FR	8760 hr/yr (All Year)
EQT0148	20D-47 - Storage Tank	853200 gallons			IFR	8760 hr/yr (All Year)
EQT0149	20D-49 - Storage Tank	1.54 million gallons			FR	8760 hr/yr (All Year)
EQT0150	20D-5 - Storage Tank	13.65 million gallons			EFR	8760 hr/yr (All Year)
EQT0151	20D-51 - Storage Tank	172731 gallons			EFR	8760 hr/yr (All Year)
EQT0152	20D-52 - Storage Tank	172731 gallons			EFR	8760 hr/yr (All Year)
EQT0153	20D-53 - Storage Tank	172704 gallons			FR	8760 hr/yr (All Year)
EQT0154	20D-54 - Storage Tank	172704 gallons			FR	8760 hr/yr (All Year)
EQT0155	20D-59 - Storage Tank	3192 gallons			FR	8760 hr/yr (All Year)
EQT0156	20D-6 - Storage Tank	2.28 million gallons			EFR	8760 hr/yr (All Year)
EQT0157	20D-61 - Storage Tank	5.06 million			EFR	8760 hr/yr (All Year)

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INVENTORIES

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Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Convent Refinery						
		gallons				
EQT0158	20D-62 - Storage Tank	4.06 million gallons			FR	8760 hr/yr (All Year)
EQT0159	20D-65 - Storage Tank	3.02 million gallons			EFR	8760 hr/yr (All Year)
EQT0160	20D-66 - Storage Tank	2.28 million gallons			EFR	8760 hr/yr (All Year)
EQT0161	20D-67 - Storage Tank	3.41 million gallons			EFR	8760 hr/yr (All Year)
EQT0162	20D-68 - Storage Tank	2.02 million gallons			EFR	8760 hr/yr (All Year)
EQT0163	20D-7 - Storage Tank	4.34 million gallons			EFR	8760 hr/yr (All Year)
EQT0164	20D-70 - Storage Tank	4.64 million gallons			FR	8760 hr/yr (All Year)
EQT0165	20D-73 - Storage Tank	616098 gallons			IFR	8760 hr/yr (All Year)
EQT0166	20D-8 - Storage Tank	10.4 gallons			EFR	8760 hr/yr (All Year)
EQT0167	20D-9 - Storage Tank	13.65 gallons			FR	8760 hr/yr (All Year)
EQT0168	20T-201 - Storage Tank	2.93 million gallons			IFR	8760 hr/yr (All Year)
EQT0169	20T-202 - Storage Tank	2.93 million gallons			IFR	8760 hr/yr (All Year)
EQT0170	20T-203 - Storage Tank	2.48 million gallons			IFR	8760 hr/yr (All Year)
EQT0171	20T-204 - Storage Tank	2.93 million gallons			IFR	8760 hr/yr (All Year)
EQT0172	20T-205 - Storage Tank	1.43 million gallons			IFR	8760 hr/yr (All Year)
EQT0173	20T-206 - Storage Tank	1.43 million gallons			IFR	8760 hr/yr (All Year)
EQT0174	20T-207 - Storage Tank	1.29 million gallons			FR	8760 hr/yr (All Year)
EQT0175	20T-209 - Storage Tank	12.7 million gallons			EFR	8760 hr/yr (All Year)
EQT0176	20T-210 - Storage Tank	746382 gallons			IFR	8760 hr/yr (All Year)
EQT0177	20T-211 - Storage Tank	4.84 million gallons			FR	8760 hr/yr (All Year)
EQT0178	20T-212 - Storage Tank	11.51 million gallons			FR	8760 hr/yr (All Year)
EQT0179	20T-213 - Storage Tank	6.34 million gallons			FR	8760 hr/yr (All Year)
EQT0180	20T-214 - Storage Tank	6.34 million gallons			FR	8760 hr/yr (All Year)
EQT0181	20T-215 - Storage Tank	7.58 million gallons			FR	8760 hr/yr (All Year)

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INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Convent Refinery						
EQT0182	20T-216 - Storage Tank	4.2 million gallons			EFR	8760 hr/yr (All Year)
EQT0183	20T-217 - Storage Tank	4.2 million gallons			EFR	8760 hr/yr (All Year)
EQT0184	20T-218 - Storage Tank	4.2 million gallons			EFR	8760 hr/yr (All Year)
EQT0185	20T-219 - Storage Tank	12.67 million gallons			FR	8760 hr/yr (All Year)
EQT0186	20T-220 - Storage Tank	2.21 million gallons			EFR	8760 hr/yr (All Year)
EQT0187	20T-221 - Storage Tank	4.2 million gallons			EFR	8760 hr/yr (All Year)
EQT0188	20T-302 - Storage Tank	158634 gallons			IFR	8760 hr/yr (All Year)
EQT0189	20T-303 - Storage Tank	635418 gallons			IFR	8760 hr/yr (All Year)
EQT0190	20T-306 - Storage Tank	1.9 gallons			FR	8760 hr/yr (All Year)
EQT0191	20T-307 - Storage Tank	88116 gallons			IFR	8760 hr/yr (All Year)
EQT0192	22AF-101 - Storage Tank	2772 gallons			FR	8760 hr/yr (All Year)
EQT0193	22AF-102 - Storage Tank	2772 gallons			FR	8760 hr/yr (All Year)
EQT0194	22AT-101 - Storage Tank	180600 gallons			FR	8760 hr/yr (All Year)
EQT0195	2D-361 - Storage Tank	20726 gallons			FR	8760 hr/yr (All Year)
EQT0196	2D-362 - Storage Tank	20726 gallons			FR	8760 hr/yr (All Year)
EQT0197	2D-365 - Storage Tank	29064 gallons			FR	8760 hr/yr (All Year)
EQT0199	31D-823 - Storage Tank	10164 gallons			FR	8760 hr/yr (All Year)
EQT0200	31T-301 - Storage Tank	31000 gallons			FR	8760 hr/yr (All Year)
EQT0201	37T-301 - Storage Tank	210000 gallons			IFR	8760 hr/yr (All Year)
EQT0202	37T-311 - Storage Tank	42840 gallons			FR	8760 hr/yr (All Year)
EQT0203	37T-314 - Storage Tank	4.94 million gallons			EFR	8760 hr/yr (All Year)
EQT0204	37T-315 - Storage Tank	4.94 million gallons			EFR	8760 hr/yr (All Year)
EQT0205	37T-316 - Storage Tank	3.67 million gallons			EFR	8760 hr/yr (All Year)
EQT0206	37T-317 - Storage Tank	2.12 million gallons			EFR	8760 hr/yr (All Year)
EQT0207	41T-2 - Storage Tank	9728 gallons			FR	8760 hr/yr (All Year)
EQT0208	41T-3 - Storage Tank	9728 gallons			FR	8760 hr/yr (All Year)
EQT0209	41T-4 - Storage Tank	9728 gallons			FR	8760 hr/yr (All Year)
EQT0210	71T-302 - Storage Tank	201600 gallons			FR	8760 hr/yr (All Year)
EQT0211	71T-303 - Storage Tank	15540 gallons			FR	8760 hr/yr (All Year)
EQT0212	76T-102 - Storage Tank	18648 gallons			FR	8760 hr/yr (All Year)
EQT0213	76T-103 - Storage Tank	18648 gallons			FR	8760 hr/yr (All Year)
EQT0214	89T-101 - Storage Tank	630000 gallons			FR	8760 hr/yr (All Year)
EQT0215	89T-102 - Storage Tank	630000 gallons			FR	8760 hr/yr (All Year)
EQT0226	CRU - Catalytic Reformer Unit					240 hr/yr (All Year)
EQT0227	32E-1 - Cooling Tower No. 1			79500 gallons/min		8760 hr/yr (All Year)
EQT0228	32UT-301 - Cooling Tower No. 2			50800 gallons/min		8760 hr/yr (All Year)

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INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Convent Refinery						
EQT0229	35U-1 - Cooling Tower No. 3			20000 gallons/min		8760 hr/yr (All Year)
EQT0230	32U-4 - Cooling Tower No. 5			10000 gallons/min		8760 hr/yr (All Year)
FUG0002	GEN PLANT - General Plant Fugitive Emissions					8760 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Convent Refinery							
EQT0027	17AH-103 - TGTU No. 1 Incinerator Stack	22.4	29065	5.25		200	626
EQT0028	19G-305 - Flare No. 5 - Dock No. 1 & 2 Vapor Recovery	66	213035	8.3		62	1832
EQT0029	1F-201 - VPS-1 Atmospheric Heater	30.8	125400	9.3		146	935
EQT0030	1F-202 - VPS-1 Atmospheric Heater	30.8	125400	9.3		146	935
EQT0031	1F-251 - VPS-1 Vacuum Heater	10	17400	6		121	900
EQT0032	2KT-331 - FCCU HP Fuel Gas Compressor Turbine	24	287677	16		184	439
EQT0033	31F-801 - Boiler No. 1	12.08	66175	10.78		150	421
EQT0034	31F-802 - Boiler No. 2	12.08	66175	10.78		150	421
EQT0035	31F-803 - Boiler No. 3	12.08	66175	10.78		150	421
EQT0036	31F-805 - Boiler No. 4	26	57462	7		56	404
EQT0037	31F-810 - Boiler	31	76113	7.2		150	271
EQT0046	4F-508 - CRU-HTU Common Stack	20	214796	15		119	400
EQT0047	4KT-501 - CRU Recycle Compressor Gas Turbine						
EQT0048	70D-501 - Dust Handling Vent	31.8	1528	1		5	80
EQT0049	70H-101 - H-Oil Train 100 Feed Heater	22	32222	5.6		175	320
EQT0050	70H-102 - H-Oil Train 100 Hydrogen Heater	22.6	31200	5.5		175	320
EQT0051	70H-201 - H-Oil Train 200 Feed Heater	22	32222	5.6		175	320
EQT0052	70H-202 - H-Oil Train 200 Hydrogen Heater	22.6	31200	5.5		175	320
EQT0053	70H-302 - H-Oil Vacuum Tower Heater	40	10030	2.3		162	750
EQT0054	70H-501 - H-Oil Transport Oil Heater	22	4014	2		165	665
EQT0055	76H-101 - TGTU No. 2 Incinerator Stack	25.8	19440	4		200	350
EQT0056	77H-101 - TGTU No. 3 Incinerator Stack	25.8	19440	4		200	350
EQT0057	78H-101 - TGTU No. 4 Incinerator Stack	25.8	19440	4		200	350
EQT0058	79H-402 - HGU Boiler	40	29475	3.9		200	400
EQT0059	79J-904 - TORVEX Incinerator Exhaust	6	7301	4.9		200	700
EQT0060	7F-1 - Gas Oil Heater	42	111799	7.6		154	738
EQT0061	82H-101 - TGTU No. 5 Incinerator Stack	25.8	19440	4		200	350

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INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Convent Refinery							
EQT0062	83H-101 - VPS-2 Atmospheric Tower Feed Heater	36	87791	7.2		213	300
EQT0063	83H-102 - VPS-2 Vacuum Heater	36	85125	7.1		236	300
EQT0064	85D-105 - HGU WWTU Flare	5.27	76	.55		31	1200
EQT0065	94H-101 - ISOM Reactor Feed Furnace	17	12700	3.9		146	540
EQT0066	96H-201 - HDS-1 Heater	25.5	40890	5.83		150	730
EQT0068	FCCU CAT - FCCU Catalyst Handling						
EQT0069	2F-301 - FCCU Feed Heater	24	287677	16		184	439
EQT0070	2F-302 - FCCU Recycle Heater	24	287677	16		184	439
EQT0071	FCCU WGS - FCCU Wet Gas Scrubber Stack	48	328011	12		199	163
EQT0072	19AH-901 - Refinery Flare No. 2	187	79310	3		250	1700
EQT0073	19F-3 - Refinery Flare No. 1	287	63617	3		250	1700
EQT0074	19G-301 - Refinery Flare No. 3	309	131052	3		250	1700
EQT0075	19G-302 - Refinery Flare No. 4	287	121603	3		250	1200
EQT0076	HGU SU - HGU Start Up Flaring (Flares 1-4)	309	131052	3		250	1200
EQT0077	14H-101 - HTU-2 Train 1 Charge Heater	51	31412	3.6		117	250
EQT0078	14H-201 - HTU-2 Train 2 Charge Heater	58	14351	2.3		114	240
EQT0079	14H-313 - HTU-2 Stripper Reboiler	50	29554	3.5		117	250
EQT0080	95H-101 - HTU-3 Reactor Feed Heater	49	55415	4.9		190	300
EQT0081	95H-102 - HTU-3 Stripper Reboiler Heater	50	51624	4.75		190	300
EQT0084	30D-301 - Emergency Generator (NE Corner HGU)			1		22	
EQT0085	30D-302 - Emergency Generator (S of ARU-3 and Plant 10)			1		22	
EQT0086	32G-15 - Dock No. 1 - Firewater Pump			.5		10	
EQT0087	33G-3 - Firewater Diesel Engine			.5		7	
EQT0088	33G-4 - Wharf No. 2 Firewater Diesel Engine			.5		7	
EQT0089	33G-5 - Wharf No. 1 Firewater Diesel Engine			.5		7	
EQT0090	33P-301 - Firewater Diesel Engine			.5		7	
EQT0091	37P-407 - API-2 Diesel Pump			.5		10	
EQT0226	CRU - Catalytic Reformer Unit	50	214	.3		30	87

Relationships:

ID	Description	Relationship	ID	Description
EQT0038	3F-401, HTU-1 HSR Charge Heater	Vents to	EQT0046	4F-508, CRU-HTU Common Stack
EQT0039	3F-402, HTU-1 Kerosene Charge Heater	Vents to	EQT0046	4F-508, CRU-HTU Common Stack
EQT0040	3F-403, HTU-1 HSR Reboiler	Vents to	EQT0046	4F-508, CRU-HTU Common Stack

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INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Relationships:

ID	Description	Relationship	ID	Description
EQT0041	3F-404, HTU-1 Kerosene Reboiler	Vents to	EQT0046	4F-508, CRU-HTU Common Stack
EQT0042	4F-501, CRU Charge Heater	Vents to	EQT0046	4F-508, CRU-HTU Common Stack
EQT0043	4F-502, CRU Inter Heater No. 1	Vents to	EQT0046	4F-508, CRU-HTU Common Stack
EQT0044	4F-503, CRU Inter Heater No. 3	Vents to	EQT0046	4F-508, CRU-HTU Common Stack
EQT0045	4F-504, CRU Inter Heater No. 2	Vents to	EQT0046	4F-508, CRU-HTU Common Stack
EQT0047	4KT-501, CRU Recycle Compressor Gas Turbine	Vents to	EQT0046	4F-508, CRU-HTU Common Stack

Subject Item Groups:

ID	Group Type	Group Description
GRP0004	Equipment Group	FCCU HEATERS - FCCU Heaters Cap
GRP0005	Equipment Group	FLARE - Flare 1-4 Cap
GRP0006	Equipment Group	HTU 2-3 HEATERS - HTU Heaters 2 & 3 Cap
GRP0007	Equipment Group	EQUIP - Permanent Diesel Fired Equipment CAP
GRP0008	Equipment Group	TANKS - Refinery Storage Tanks CAP
UNF0001	Unit or Facility Wide	MEC - Convent Refinery

Group Membership:

ID	Description	Member of Groups
EQT0069	2F-301 - FCCU Feed Heater	GRP0000000004
EQT0070	2F-302 - FCCU Recycle Heater	GRP0000000004
EQT0072	19AH-901 - Refinery Flare No. 2	GRP0000000005
EQT0073	19F-3 - Refinery Flare No. 1	GRP0000000005
EQT0074	19G-301 - Refinery Flare No. 3	GRP0000000005
EQT0075	19G-302 - Refinery Flare No. 4	GRP0000000005
EQT0077	14H-101 - HTU-2 Train 1 Charge Heater	GRP0000000006
EQT0078	14H-201 - HTU-2 Train 2 Charge Heater	GRP0000000006
EQT0079	14H-313 - HTU-2 Stripper Reboiler	GRP0000000006
EQT0080	95H-101 - HTU-3 Reactor Feed Heater	GRP0000000006
EQT0081	95H-102 - HTU-3 Stripper Reboiler Heater	GRP0000000006
EQT0084	30D-301 - Emergency Generator (NE Corner HGU)	GRP0000000007
EQT0085	30D-302 - Emergency Generator (S of ARU-3 and Plant 10)	GRP0000000007
EQT0086	32G-15 - Dock No. 1 - Firewater Pump	GRP0000000007
EQT0087	33G-3 - Firewater Diesel Engine	GRP0000000007
EQT0088	33G-4 - Wharf No. 2 Firewater Diesel Engine	GRP0000000007
EQT0089	33G-5 - Wharf No. 1 Firewater Diesel Engine	GRP0000000007
EQT0090	33P-301 - Firewater Diesel Engine	GRP0000000007
EQT0091	37P-407 - API-2 Diesel Pump	GRP0000000007
EQT0096	16T-302 - Storage Tank	GRP0000000008
EQT0098	18D-1 - Storage Tank	GRP0000000008
EQT0099	18D-102 - Storage Tank	GRP0000000008

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INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQT0100	18D-19 - Light Slop/Wour Water Tank	GRP0000000008
EQT0101	18D-2 - Storage Tank	GRP0000000008
EQT0102	18D-8 - Storage Tank	GRP0000000008
EQT0103	18T-8 - Storage Tank	GRP0000000008
EQT0104	20AT-901 - Storage Tank	GRP0000000008
EQT0105	20AT-902 - Storage Tank	GRP0000000008
EQT0106	20AT-903 - Storage Tank	GRP0000000008
EQT0107	20AT-904 - Storage Tank	GRP0000000008
EQT0108	20AT-905 - Storage Tank	GRP0000000008
EQT0109	20AT-907 - Storage Tank	GRP0000000008
EQT0110	20D-1 - Storage Tank	GRP0000000008
EQT0111	20D-10 - Storage Tank	GRP0000000008
EQT0112	20D-102 - Storage Tank	GRP0000000008
EQT0113	20D-12 - Storage Tank	GRP0000000008
EQT0114	20D-13 - Storage Tank	GRP0000000008
EQT0115	20D-14 - Storage Tank	GRP0000000008
EQT0116	20D-15 - Storage Tank	GRP0000000008
EQT0117	20D-16 - Storage Tank	GRP0000000008
EQT0118	20D-17 - Storage Tank	GRP0000000008
EQT0119	20D-18 - Storage Tank	GRP0000000008
EQT0120	20D-19 - Storage Tank	GRP0000000008
EQT0121	20D-2 - Storage Tank	GRP0000000008
EQT0122	20D-20 - Storage Tank	GRP0000000008
EQT0123	20D-21 - Storage Tank	GRP0000000008
EQT0124	20D-23 - Storage Tank	GRP0000000008
EQT0125	20D-24 - Storage Tank	GRP0000000008
EQT0126	20D-25 - Storage Tank	GRP0000000008
EQT0127	20D-26 - Storage Tank	GRP0000000008
EQT0128	20D-27 - Storage Tank	GRP0000000008
EQT0129	20D-28 - Storage Tank	GRP0000000008
EQT0130	20D-29 - Storage Tank	GRP0000000008
EQT0131	20D-3 - Storage Tank	GRP0000000008
EQT0132	20D-30 - Storage Tank	GRP0000000008
EQT0133	20D-31 - Storage Tank	GRP0000000008
EQT0134	20D-32 - Storage Tank	GRP0000000008
EQT0135	20D-33 - Storage Tank	GRP0000000008
EQT0136	20D-34 - Storage Tank	GRP0000000008
EQT0138	20D-36 - Storage Tank	GRP0000000008
EQT0141	20D-4 - Storage Tank	GRP0000000008
EQT0142	20D-40 - Storage Tank	GRP0000000008
EQT0143	20D-42 - Storage Tank	GRP0000000008
EQT0145	20D-44 - Storage Tank	GRP0000000008
EQT0146	20D-45 - Storage Tank	GRP0000000008

INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQT0147	20D-46 - Storage Tank	GRP0000000008
EQT0148	20D-47 - Storage Tank	GRP0000000008
EQT0149	20D-49 - Storage Tank	GRP0000000008
EQT0150	20D-5 - Storage Tank	GRP0000000008
EQT0151	20D-51 - Storage Tank	GRP0000000008
EQT0152	20D-52 - Storage Tank	GRP0000000008
EQT0153	20D-53 - Storage Tank	GRP0000000008
EQT0154	20D-54 - Storage Tank	GRP0000000008
EQT0155	20D-59 - Storage Tank	GRP0000000008
EQT0156	20D-6 - Storage Tank	GRP0000000008
EQT0157	20D-61 - Storage Tank	GRP0000000008
EQT0158	20D-62 - Storage Tank	GRP0000000008
EQT0159	20D-65 - Storage Tank	GRP0000000008
EQT0160	20D-66 - Storage Tank	GRP0000000008
EQT0161	20D-67 - Storage Tank	GRP0000000008
EQT0162	20D-68 - Storage Tank	GRP0000000008
EQT0163	20D-7 - Storage Tank	GRP0000000008
EQT0164	20D-70 - Storage Tank	GRP0000000008
EQT0165	20D-73 - Storage Tank	GRP0000000008
EQT0166	20D-8 - Storage Tank	GRP0000000008
EQT0167	20D-9 - Storage Tank	GRP0000000008
EQT0168	20T-201 - Storage Tank	GRP0000000008
EQT0169	20T-202 - Storage Tank	GRP0000000008
EQT0170	20T-203 - Storage Tank	GRP0000000008
EQT0171	20T-204 - Storage Tank	GRP0000000008
EQT0172	20T-205 - Storage Tank	GRP0000000008
EQT0173	20T-206 - Storage Tank	GRP0000000008
EQT0174	20T-207 - Storage Tank	GRP0000000008
EQT0175	20T-209 - Storage Tank	GRP0000000008
EQT0176	20T-210 - Storage Tank	GRP0000000008
EQT0177	20T-211 - Storage Tank	GRP0000000008
EQT0178	20T-212 - Storage Tank	GRP0000000008
EQT0179	20T-213 - Storage Tank	GRP0000000008
EQT0180	20T-214 - Storage Tank	GRP0000000008
EQT0181	20T-215 - Storage Tank	GRP0000000008
EQT0182	20T-216 - Storage Tank	GRP0000000008
EQT0183	20T-217 - Storage Tank	GRP0000000008
EQT0184	20T-218 - Storage Tank	GRP0000000008
EQT0185	20T-219 - Storage Tank	GRP0000000008
EQT0186	20T-220 - Storage Tank	GRP0000000008
EQT0187	20T-221 - Storage Tank	GRP0000000008
EQT0188	20T-302 - Storage Tank	GRP0000000008
EQT0189	20T-303 - Storage Tank	GRP0000000008

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INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQT0190	20T-306 - Storage Tank	GRP0000000008
EQT0191	20T-307 - Storage Tank	GRP0000000008
EQT0192	22AF-101 - Storage Tank	GRP0000000008
EQT0193	22AF-102 - Storage Tank	GRP0000000008
EQT0194	22AT-101 - Storage Tank	GRP0000000008
EQT0195	2D-361 - Storage Tank	GRP0000000008
EQT0196	2D-362 - Storage Tank	GRP0000000008
EQT0197	2D-365 - Storage Tank	GRP0000000008
EQT0199	31D-823 - Storage Tank	GRP0000000008
EQT0200	31T-301 - Storage Tank	GRP0000000008
EQT0201	37T-301 - Storage Tank	GRP0000000008
EQT0202	37T-311 - Storage Tank	GRP0000000008
EQT0203	37T-314 - Storage Tank	GRP0000000008
EQT0204	37T-315 - Storage Tank	GRP0000000008
EQT0205	37T-316 - Storage Tank	GRP0000000008
EQT0206	37T-317 - Storage Tank	GRP0000000008
EQT0207	41T-2 - Storage Tank	GRP0000000008
EQT0208	41T-3 - Storage Tank	GRP0000000008
EQT0209	41T-4 - Storage Tank	GRP0000000008
EQT0210	71T-302 - Storage Tank	GRP0000000008
EQT0211	71T-303 - Storage Tank	GRP0000000008
EQT0212	76T-102 - Storage Tank	GRP0000000008
EQT0213	76T-103 - Storage Tank	GRP0000000008
EQT0214	89T-101 - Storage Tank	GRP0000000008
EQT0215	89T-102 - Storage Tank	GRP0000000008

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0720	Petroleum Refining (Rated Capacity)	250	1,000 BBL/Day

SIC Codes:

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Convent Refinery															
EQT 0027 17AH-103	2.94	2.94	12.90	3.49	3.49	15.30	0.27	0.27	1.20	16.78	20.96	73.50	0.20	0.20	0.80
EQT 0028 19G-305	26.91	53.82	35.16	10.76	21.53	14.07	0.88	1.77	1.16	1.99	3.98	2.60	6.39	12.78	27.99
EQT 0029 1F-201	6.05	8.50	26.50	13.22	18.50	57.90	2.15	3.00	9.40	3.08	4.30	13.50	0.89	1.30	3.90
EQT 0030 1F-202	6.05	8.50	26.50	13.22	18.50	57.80	1.16	1.60	5.10	3.28	4.60	14.40	0.89	1.30	3.90
EQT 0031 1F-251	5.43	7.50	23.80	3.24	4.50	14.20	0.50	0.68	2.20	1.32	1.80	5.80	0.36	0.49	1.56
EQT 0032 2KT-331	3.19	4.03	13.95	36.75	46.50	161.00	1.62	2.05	7.10	4.88	6.17	21.36	0.51	0.65	2.25
EQT 0033 31F-801	3.45	4.57	15.10	13.79	36.56	60.40	4.73	6.26	20.70	6.85	9.07	30.00	1.86	2.46	8.15
EQT 0034 31F-802	3.45	4.57	15.10	13.79	36.56	60.40	4.73	6.26	20.70	6.85	9.07	30.00	1.86	2.46	8.15
EQT 0035 31F-803	3.45	4.57	15.10	13.79	36.56	60.40	4.73	6.26	20.70	6.85	9.07	30.00	1.86	2.46	8.15
EQT 0036 31F-805	29.24	32.94	128.05	28.40	32.00	124.39	2.66	3.00	11.66	7.05	7.95	30.89	1.91	2.16	8.38
EQT 0037 31F-810	17.10	17.10	74.90	45.60	45.60	199.70	4.30	4.30	18.60	7.55	7.55	33.07	3.10	3.10	13.46
EQT 0038 3F-401		6.80			7.40			1.60			1.60			0.44	
EQT 0039 3F-402		5.40			5.90			1.25			1.30			0.35	
EQT 0040 3F-403		8.70			9.50			2.00			2.10			0.57	
EQT 0041 3F-404		8.20			8.90			1.90			2.00			0.53	
EQT 0042 4F-501		6.40			15.60			3.30			3.50			0.94	
EQT 0043 4F-502		6.70			16.40			3.46			3.60			0.98	
EQT 0044 4F-503		5.70			6.20			1.30			1.40			0.37	
EQT 0045 4F-504		6.40			7.00			1.50			1.50			0.42	
EQT 0046 4F-508	36.70		160.50	66.00		289.00	13.90		61.00	14.60		63.90	4.00		17.31
EQT 0047 4KT-501		2.20			14.90			3.10			3.30			0.35	
EQT 0048 70D-501							1.00	1.40	4.38						
EQT 0049 70H-101	1.19	1.70	5.20	11.35	15.90	49.70	1.90	2.70	8.30	1.23	1.70	5.40	0.74	1.00	3.25

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Convent Refinery															
EQT 0050 70H-102	0.64	0.89	2.80	6.12	8.60	26.80	1.03	1.40	4.50	0.67	0.94	2.90	0.40	0.56	1.75
EQT 0051 70H-201	1.19	1.70	5.20	11.34	15.90	49.70	1.90	2.70	8.30	1.23	1.70	5.40	0.74	1.00	3.25
EQT 0052 70H-202	0.57	0.81	2.50	5.57	7.80	24.40	0.94	1.30	4.10	0.62	0.85	2.70	0.36	0.51	1.59
EQT 0053 70H-302	0.27	0.36	1.16	9.96	13.60	43.62	1.30	1.80	5.68	1.09	1.50	4.78	0.58	0.78	2.52
EQT 0054 70H-501	0.75	1.10	3.30	0.60	0.84	2.63	0.11	0.16	0.49	0.37	0.50	1.60	0.08	0.11	0.35
EQT 0055 76H-101	0.30	0.46	1.14	1.46	2.30	6.40	0.11	0.17	0.50	16.78	20.96	73.50	0.08	0.12	0.35
EQT 0056 77H-101	0.30	0.46	1.14	1.46	2.30	6.40	0.11	0.17	0.50	16.78	20.96	73.50	0.08	0.12	0.35
EQT 0057 78H-101	0.30	0.46	1.14	1.46	2.25	6.44	0.11	0.17	0.49	26.30	32.87	115.20	0.08	0.12	0.35
EQT 0058 79H-402	3.38	3.70	14.80	2.01	2.20	8.80	0.30	0.34	1.30	0.98	1.10	4.30	0.22	0.24	0.97
EQT 0059 79J-904	7.42	7.50	32.50	2.63	4.00	11.50	0.21	0.31	0.90	0.75	1.10	3.30	2.53	3.80	11.08
EQT 0060 7F-1	10.70	15.00	46.90	16.12	22.60	70.60	1.44	2.00	6.30	2.58	3.60	11.30	0.70	0.98	3.07
EQT 0061 82H-101	0.30	0.46	1.30	1.46	2.30	6.40	0.11	0.17	0.50	16.78	20.96	73.50	0.08	0.12	0.35
EQT 0062 83H-101	0.62	0.66	2.70	28.06	30.60	122.90	3.19	4.48	14.00	7.03	7.50	30.80	1.78	2.00	7.83
EQT 0063 83H-102	0.18	0.25	0.78	8.10	11.29	35.32	0.92	1.30	4.04	2.29	3.20	10.04	0.52	0.72	2.27
EQT 0064 85D-105	0.53	0.72	2.30	0.21	0.29	0.90	0.02	0.02	0.10	0.02	0.02	0.10	0.19	0.27	0.85
EQT 0065 94H-101	2.31	2.90	10.10	1.37	1.70	6.00	0.21	0.26	0.90	0.66	0.84	2.90	0.15	0.19	0.66
EQT 0066 96H-201	5.00	7.00	21.90	4.00	5.60	17.52	0.75	1.04	3.26	2.40	3.30	10.50	0.54	0.75	2.36
EQT 0067 AIR COMP	1.63	9.77	9.96	6.54	39.21	39.99	0.09	0.51	0.52	1.24	7.44	7.59	0.17	0.99	1.01
EQT 0068 FCCU CAT							49.10	122.00	18.10						
EQT 0069 2F-301		10.33			18.82			0.93			17.45			0.68	
EQT 0070 2F-302		9.45			17.22			0.86			2.28			0.62	
EQT 0071 FCCU WGS	107.44	366.00	470.58	77.53		339.58	43.95	47.15	192.50	47.85		209.59	5.17	29.70	22.64
EQT 0072 19AH-901		1071.20			197.00			21.60			663.20			405.30	

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Convent Refinery															
EQT 0073 19F-3		1071.20			197.00			21.60			663.20			405.30	
EQT 0074 19G-301		1071.20			197.00			21.60			663.20			405.30	
EQT 0075 19G-302		1071.20			197.00			21.60			663.20			405.30	
EQT 0076 HGU SU			1.72			0.32			0.03			12.09			0.65
EQT 0077 14H-101		3.40			2.02			0.31			0.99			0.22	
EQT 0078 14H-201		4.04			2.40			0.37			1.17			0.26	
EQT 0079 14H-313		6.11			3.64			0.55			1.77			0.40	
EQT 0080 95H-101		4.84			5.88			0.44			1.40			0.32	
EQT 0081 95H-102		6.51			7.90			0.59			1.89			0.43	
EQT 0082 LPG TRK RK													0.43	1.50	1.88
EQT 0083 PAINT									0.20						14.63
EQT 0084 30D-301		12.00			55.60			3.90			3.70			4.50	
EQT 0085 30D-302		12.00			55.60			3.90			3.70			4.50	
EQT 0086 32G-15		0.83			3.90			0.27			0.25			0.32	
EQT 0087 33G-3		2.30			10.50			0.74			0.69			0.86	
EQT 0088 33G-4		4.20			19.30			1.40			1.30			1.60	
EQT 0089 33G-5		4.20			19.30			1.40			1.30			1.60	
EQT 0090 33P-301		3.30			15.30			1.10			1.00			1.30	
EQT 0091 37P-407		1.00			4.60			0.33			0.30			0.38	
EQT 0092 PTU													0.77	0.92	3.36
EQT 0093 RC RACK													9.48	28.44	27.69
EQT 0095 TK CLNG															166.90
EQT 0226 CRU	0.04	0.04	0.005												

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Convent Refinery															
EQT 0227 32E-1							0.80	1.00	3.49				3.34	28.62	14.62
EQT 0228 32UT-301							0.51	0.64	2.23				2.13	18.29	9.35
EQT 0229 35U-1							1.00	1.25	4.39				0.84	7.20	3.68
EQT 0230 32U-4							0.20	0.25	0.88				0.42	3.60	1.84
FUG 0002 GEN PLANT							2.53		11.01				309.01		1353.45
GRP 0004 FCCU HEATERS	14.14		61.94	25.71		112.80	1.28		5.60	14.09		61.72	0.92		4.06
GRP 0005 FLARE	41.62		182.30	7.79		34.10	0.85		3.70	25.68		112.50	15.70		68.78
GRP 0006 HTU 2-3 HEATERS	14.88		65.18	12.32		53.96	1.35		5.90	4.32		18.90	0.97		4.27
GRP 0007 EQUIP	3.74		16.40	17.33		75.90	1.21		5.30	1.14		5.00	1.41		6.19
GRP 0008 TANKS													77.88		341.13

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0027 17AH-103	Carbon disulfide	0.002	0.004	0.01
	Carbonyl sulfide	0.03	0.05	0.11
	Hydrogen sulfide	0.06	0.12	0.26
	Sulfuric acid	0.08	0.10	0.40
EQT 0028 19G-305	2,2,4-Trimethylpentane	0.09	0.19	0.41
	Benzene	0.11	0.21	0.47
	Ethyl benzene	0.07	0.14	0.30
	Methyl Tertiary Butyl Ether	0.40	0.80	1.76
	Toluene	0.36	0.72	1.58
	Xylene (mixed isomers)	0.33	0.65	1.43
	n-Hexane	0.31	0.61	1.34
EQT 0055 76H-101	Carbon disulfide	0.09	0.18	0.39
	Carbonyl sulfide	0.06	0.11	0.25
	Hydrogen sulfide	0.06	0.12	0.25
	Sulfuric acid	0.08	0.10	0.40
EQT 0056 77H-101	Carbon disulfide	0.002	0.002	0.01
	Carbonyl sulfide	0.02	0.04	0.09
	Hydrogen sulfide	0.04	0.07	0.16
	Sulfuric acid	0.08	0.10	0.40
EQT 0057 78H-101	Carbon disulfide	0.002	0.002	0.01
	Carbonyl sulfide	0.003	0.01	0.01
	Hydrogen sulfide	0.04	0.07	0.15
	Sulfuric acid	0.13	0.16	0.60
EQT 0059 79J-904	Hydrogen sulfide	0.002	0.01	0.01
	Methanol	2.38	3.60	10.44
	Sulfuric acid	5.00	7.50	21.90
EQT 0061 82H-101	Carbon disulfide	0.001	0.002	0.004
	Carbonyl sulfide	0.15	0.29	0.64
	Hydrogen sulfide	0.06	0.13	0.28
	Sulfuric acid	0.08	0.10	0.40
EQT 0064 85D-105	Ammonia	2.10	2.90	9.20
	Hydrogen sulfide	0.001	0.001	0.004
EQT 0068 FCCU CAT	Nickel (and compounds)	0.02	0.05	0.09
EQT 0071 FCCU WGS	1,3-Butadiene	0.001	0.001	0.004

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0071 FCCU WGS	Acetaldehyde	0.06	0.06	0.02
	Acrolein	0.005	0.005	0.02
	Ammonia	0.02	0.02	0.07
	Barium (and compounds)	0.004	0.004	0.02
	Benzene	0.02	0.02	0.08
	Carbon disulfide	0.003	0.003	0.01
	Chlorine	0.09	0.09	0.39
	Chromium VI (and compounds)	0.002	0.002	0.01
	Copper (and compounds)	0.003	0.003	0.01
	Cyanide compounds	0.23	0.23	0.99
	Dichloromethane	0.03	0.03	0.13
	Ethyl benzene	0.001	0.001	0.01
	Formaldehyde	0.30	0.42	1.31
	Hydrochloric acid	0.09	0.09	0.38
	Hydrogen cyanide	< 0.001	0.001	< 0.01
	Naphthalene	0.01	0.01	0.02
	Nickel (and compounds)	0.01	0.02	0.06
	Phenol	0.004	0.004	0.02
	Phosphorus	0.01	0.01	0.05
	Polynuclear Aromatic Hydrocarbons	0.11	0.11	0.47
	Selenium (and compounds)	0.005	0.005	0.02
	Sulfuric acid	59.33	103.68	259.84
	Toluene	0.001	0.001	< 0.01
	Xylene (mixed isomers)	0.01	0.01	0.06
EQT 0072 19AH-901	Hydrogen sulfide		3.30	
	n-Hexane		14.20	
EQT 0073 19F-3	Hydrogen sulfide		3.30	
	n-Hexane		14.20	
EQT 0074 19G-301	Hydrogen sulfide		3.30	
	n-Hexane		14.20	
EQT 0075 19G-302	Hydrogen sulfide		3.30	
	n-Hexane		14.20	
EQT 0076 HGU SU	Hydrogen sulfide			0.03
EQT 0083 PAINT	Ethyl benzene			0.60

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0083 PAINT	Glycol ethers (Table 51.1)			1.75
	Methanol			0.20
	Methyl ethyl ketone			0.23
	Methyl isobutyl ketone			0.61
	Styrene			0.40
	Toluene			2.86
	Xylene (mixed isomers)			5.87
EQT 0092 PTU	Ammonia	0.16	0.19	0.70
	Benzene	0.01	0.01	0.03
	Hydrogen sulfide	0.01	0.01	0.03
EQT 0094 S TRK LDG	Hydrogen sulfide	2.03	3.50	8.90
EQT 0226 CRU	Hydrochloric acid	0.04	0.04	0.005
EQT 0227 32E-1	1,3-Butadiene	0.001	0.007	0.004
	2,2,4-Trimethylpentane	0.08	0.70	0.36
	Benzene	0.02	0.19	0.10
	Cumene	0.01	0.06	0.03
	Ethyl benzene	0.03	0.27	0.14
	Hydrogen sulfide	0.33	2.82	1.44
	Methanol	0.33	2.82	1.44
	Methyl Tertiary Butyl Ether	0.01	0.05	0.03
	Naphthalene	0.01	0.09	0.05
	Toluene	0.10	0.88	0.45
	Xylene (mixed isomers)	0.14	1.20	0.61
	n-Hexane	0.19	1.62	0.83
EQT 0228 32UT-301	1,3-Butadiene	0.001	0.005	0.002
	2,2,4-Trimethylpentane	0.05	0.45	0.23
	Benzene	0.01	0.12	0.06
	Cumene	0.004	0.04	0.02
	Ethyl benzene	0.02	0.17	0.09
	Hydrogen sulfide	0.21	1.80	0.92
	Methanol	0.21	1.80	0.92
	Methyl Tertiary Butyl Ether	0.004	0.04	0.02
	Naphthalene	0.01	0.06	0.03
	Toluene	0.07	0.56	0.29

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0228 32UT-301	Xylene (mixed isomers)	0.09	0.76	0.39
	n-Hexane	0.12	1.04	0.53
EQT 0229 35U-1	2,2,4-Trimethylpentane	0.03	0.26	0.13
	Methyl Tertiary Butyl Ether	0.08	0.71	0.37
	n-Hexane	0.002	0.02	0.01
EQT 0230 32U-4	Ethyl benzene	< 0.001	0.002	0.001
	Naphthalene	< 0.001	0.002	0.001
	Toluene	< 0.001	0.004	0.002
	Xylene (mixed isomers)	0.002	0.01	0.01
	n-Hexane	0.001	0.01	0.003
FUG 0002 GEN PLANT	1,3-Butadiene	0.06		0.25
	2,2,4-Trimethylpentane	20.13		88.17
	Ammonia	2.13		9.31
	Benzene	4.16		18.21
	Biphenyl	0.44		1.91
	Butene (mixed isomers)	0.41		1.81
	Carbonyl sulfide	< 0.001		0.001
	Ethyl benzene	4.64		20.30
	Ethylene	0.06		0.28
	Ethylene glycol	0.24		1.04
	Hydrogen sulfide	3.60		15.80
	Methanol	6.01		26.34
	Methyl Tertiary Butyl Ether	7.75		33.95
	Methyl ethyl ketone	0.03		0.15
	Naphthalene	6.11		26.76
	Phenol	0.05		0.21
	Polynuclear Aromatic Hydrocarbons	0.07		0.32
	Propylene	0.95		4.14
	Styrene	0.25		1.08
	Sulfuric acid	0.05		0.21
	Toluene	26.32		115.29
	Xylene (mixed isomers)	25.20		110.37
	n-Hexane	94.67		414.66
GRP 0005 FLARE	Hydrogen sulfide	0.13		0.60

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0005 FLARE	n-Hexane	0.31		1.35
GRP 0008 TANKS	2,2,4-Trimethylpentane	0.24		1.05
	Ammonia	0.18		0.81
	Benzene	0.42		1.84
	Biphenyl	0.003		0.01
	Ethyl benzene	0.22		0.96
	Hydrogen sulfide	0.54		2.35
	Methanol	0.10		0.42
	Methyl Tertiary Butyl Ether	0.02		0.09
	Naphthalene	0.12		0.51
	Styrene	0.002		0.01
	Sulfuric acid	0.002		0.01
	Toluene	1.24		5.44
	Vinyl acetate	0.002		0.01
	Xylene (mixed isomers)	0.92		4.04
	n-Hexane	0.71		3.13

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

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SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0027 17AH-103, TGTU No. 1 Incinerator Stack

1	[40 CFR 60.104(a)(2)(i)]	Sulfur dioxide <= 250 ppmv @ 0% excess air (dry basis). Subpart J. [40 CFR 60.104(a)(2)(i)] Which Months: All Year Statistical Basis: None specified
2	[40 CFR 60.105(a)(5)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Include an oxygen monitor for correcting the data for excess air. Subpart J. [40 CFR 60.105(a)(5)] Which Months: All Year Statistical Basis: None specified
3	[40 CFR 60.105(e)(4)(i)]	Sulfur dioxide: Shall report all exceedances (above 250 ppm, dry basis at zero percent excess air) based on a 12 hour period concentrations of SO2 as measured by the SO2 CMS as per 40 CFR 60.105(a)(5). [40 CFR 60.105(e)(4)(i)]
4	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
5	[40 CFR 60.107]	Sulfur dioxide recordkeeping by CMS continuously.
6	[40 CFR 60.13]	Continuous emission monitoring system (CEMS) for O2 shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.
7	[40 CFR 63.1568(a)(1)(i)]	Sulfur dioxide <= 250 ppmv (dry basis) at 0% excess air. Subpart UUU. [40 CFR 63.1568(a)(1)(i)] Which Months: All Year Statistical Basis: None specified
8	[40 CFR 63.1568(b)(2)]	Conduct each performance test according to the requirements in 40 CFR 63.1571 and the conditions specified in 40 CFR 63 Subpart UUU Table 32. Subpart UUU. [40 CFR 63.1568(b)(2)]
9	[40 CFR 63.1568(b)(5)]	Demonstrate initial compliance with each applicable emission limitation according to 40 CFR 63 Subpart UUU Table 33. Subpart UUU. [40 CFR 63.1568(b)(5)]
10	[40 CFR 63.1568(c)(1)]	Demonstrate continuous compliance with each applicable emission limitation in 40 CFR 63 Subpart UUU Tables 29 and 30 according to the methods specified in 40 CFR 63 Subpart UUU Tables 34 and 35. Subpart UUU. [40 CFR 63.1568(c)(1)]
11	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
12	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
13	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements of LAC 33:III.Chapter 15 - Emissions for Sulfur Dioxide and NESHAP, 40 CFR 63, Subaprt UUU - For Petroleum Refineries:Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units. [LAC 33:III.1503.C, 40 CFR 63.1568]
14	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0028 19G-305, Flare No. 5 - Dock No. 1 & 2 Vapor Recovery

15	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
16	[40 CFR 60.18(c)(1)]	Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 60.18(c)(1)]

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EQT0028 19G-305, Flare No. 5 - Dock No. 1 & 2 Vapor Recovery

17	[40 CFR 60.18(c)(2)]	Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2). Subpart A. [40 CFR 60.18(c)(2)]
18	[40 CFR 60.18(c)(3)(ii)]	Heat content >= 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3). Subpart A. [40 CFR 60.18(c)(3)(ii)] Which Months: All Year Statistical Basis: None specified
19	[40 CFR 60.18(c)(5)]	Exit Velocity < 66 ft/sec (Vmax). Determine Vmax using the method specified in 40 CFR 60.18(f)(6). Subpart A. [40 CFR 60.18(c)(5)] Which Months: All Year Statistical Basis: None specified
20	[40 CFR 60.18(d)]	Monitor flares to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how to monitor flares. Subpart A. [40 CFR 60.18(d)]
21	[40 CFR 60.18(e)]	Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 60.18(e)]
22	[40 CFR 60.18(f)(2)]	Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 60.18(f)(2)] Which Months: All Year Statistical Basis: None specified
23	[40 CFR 61.349(a)(2)(iii)]	Compliance with all the applicable requirements of NSPS 40 CFR 60.18 has been determined to be compliance with all the applicable requirements of NESHAP 40 CFR 61.349(a)(2)(iii) and 354(c)(3). Subpart FF. [40 CFR 61.349(a)(2)(iii), 40 CFR 61.354(c)(3)]
24	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]
25	[40 CFR 63.567(j)(4)]	Shall maintain records of the emissions estimates determined in NESHAP 40 CFR 63.560(a)(3) and the actual throughput by commodity for five years. These records shall readily accessible to the DEQ employees. Subpart Y. [40 CFR 63.567(j)(4), 40 CFR 63.565(l)]
26	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified
27	[LAC 33:III.1105]	Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.
28	[LAC 33:III.1107]	Submit report: Due in writing to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, within seven calendar days after startup or shutdown, if flaring was not the result of failure to maintain or repair equipment. Submit report if requesting exemption from the provisions of LAC 33:III.1105. Explain the conditions and duration of the startup or shutdown and list the steps necessary to remedy, prevent and limit the excess emissions. Minimize flaring and ensure that no ambient air quality standards are jeopardized.
29	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements of LAC 33:III.Chapter 15.
30	[LAC 33:III.2108.C.2]	VOC, Total >= 90 % reduction by weight. Which Months: All Year Statistical Basis: None specified
31	[LAC 33:III.2108.E]	Determine compliance with LAC 33:III.2108.C.3 using the methods in LAC 33:III.2108.E.1-5, as appropriate.
32	[LAC 33:III.2108.F.2]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2108.F.2.a-e.

EQT0029 1F-201, VPS-1 Atmospheric Heater

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EQT0029 1F-201, VPS-1 Atmospheric Heater

33	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
34	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
35	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
36	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
37	[40 CFR 63.643(a)(2)]	Process vent stream routed from Vacuum Tower Eductor. Organic HAP >= 98 % reduction by weight, or <= 20 ppmv, on a dry basis, corrected to 3% oxygen, whichever is less stringent, using a control device. Subpart CC. [40 CFR 63.643(a)(2), 40 CFR 63.643(b)] Which Months: All Year Statistical Basis: None specified
38	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
39	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
40	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
41	[LAC 33:III.509]	Shall limit PM10 emissions to 3.00 lb/hr on a one-hour maximum and 9.40 tons/yr on a 365 day rolling average. [PSD-LA-639 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0030 1F-202, VPS-1 Atmospheric Heater

42	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
43	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
44	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
45	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
46	[40 CFR 63.643(a)(2)]	Process vent stream routed from Vacuum Tower Eductor. Organic HAP >= 98 % reduction by weight, or <= 20 ppmv, on a dry basis, corrected to 3% oxygen, whichever is less stringent, using a control device. Subpart CC. [40 CFR 63.643(a)(2), 40 CFR 63.643(b)] Which Months: All Year Statistical Basis: None specified
47	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

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AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
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EQT0030 1F-202, VPS-1 Atmospheric Heater

48	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
49	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
50	[LAC 33:III.509]	Shall limit PM10 emissions to 1.62 lb/hr on a one-hour maximum and 5.06 tons/yr on a 365 day rolling average. [PSD-LA-639 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0031 1F-251, VPS-1 Vacuum Heater

51	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
52	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
53	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
54	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
55	[40 CFR 60.13(d)(1)]	Recordkeeping: Equipment/operational data recordkeeping by continuous emission monitor (CEM) daily. Record and quantify the CEMS excess zero and span drift whenever specified. Subpart A. [40 CFR 60.13(d)(1)]
56	[40 CFR 60.13(d)]	VPS -1 Vacuum Tower Offgas (1C-299): Continuous emission monitoring system (CEMS) shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.□ □ Equipment/operational data monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. Subpart A. [40 CFR 60.13(d)]
57	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
58	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
59	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0032 2KT-331, FCCU HP Fuel Gas Compressor Turbine

60	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average

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AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
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EQT0032 2KT-331, FCCU HP Fuel Gas Compressor Turbine

61	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
62	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
63	[40 CFR 60.13(d)]	Monitoring: Permittee shall monitor once daily and maintain the temperature of the amine in the fuel gas scrubber at or below 129 degrees F. The permittee shall also monitor the concentration of H2S using detection tubes, with ranges detailed in the EPA guidance to Koch fuel, in accordance with the frequency detailed in that policy.. □ Exceedance: If the temperature of the amine in the fuel gas scrubber exceeds 129 degrees F begin daily sampling for H2S concentration. If during this time the H2S concentration exceeds 81 ppmv, then begin continuous H2S monitoring. If the concentration is below 81 ppmv continue sampling till the temperature of the amine in the fuel gas scrubber is below 129 degrees F; then go back to the normal monitoring.(□ Reporting: The exceedance shall be reported to the Office of the Environmental Compliance, Enforcement Division. If the temperature of the fuel gas scrubber exceeds 1290F for more than 14 consecutive days, an exceedance report shall also be submitted to the U.S. Environmental Protection Agency (EPA). [40 CFR 60.105(a)(4), 40 CFR 60.13(d)]
64	[40 CFR 60.332(a)(2)]	Nitrogen oxides <= 0.015 % by volume at 15% oxygen and on a dry basis in gases discharged to the atmosphere. Use analytical methods and procedures that are accurate to within 5 percent and are approved by DEQ to determine the nitrogen content of the fuel being fired per 40 CFR 60.335(a). Subpart GG. [40 CFR 60.332(a)(2)] Which Months: All Year Statistical Basis: None specified
65	[40 CFR 60.333(b)]	Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)] Which Months: All Year Statistical Basis: None specified
66	[40 CFR 60.334(c)]	Shall comply with the applicable monitoring requirements for pollutants SO2 and NOx according to the requirments of 40 CFR 60.334(c). Subpart GG. [40 CFR 60.334(c)]
67	[40 CFR 60.334(j)(3)]	Submit quarterly excess emissions report: Due by the 30th day following the end of each calendar quarter. Report periods during which an exemption provided in 40 CFR 60.332(f) is in effect. Report the date and time the air pollution control system was deactivated, and the date and time the air pollution control system was reactivated. Subpart GG. [40 CFR 60.334(j)(3)]
68	[40 CFR 60.334(j)(4)]	Include each period during which an exemption provided in 40 CFR 60.332(k) is in effect in the report required in 40 CFR 60.7(c). For each period, report the type, reasons, and duration of the firing of the emergency fuel. Subpart GG. [40 CFR 60.334(j)(4)]
69	[40 CFR 60.334(j)]	Submit excess emissions reports and monitor downtime in accordance with 40 CFR 60.7(c). Report excess emissions for all periods of unit operation, including startup, shutdown and malfunction. Subpart GG. [40 CFR 60.334(j)]
70	[40 CFR 60.335]	Determine compliance using the test methods and procedures specified in 40 CFR 60.335(a) through (c). Subpart GG.
71	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
72	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
73	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

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EQT0032 2KT-331, FCCU HP Fuel Gas Compressor Turbine

74	[LAC 33:III.5107.A.2]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0033 31F-801, Boiler No. 1

75	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
76	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
77	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
78	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
79	[40 CFR 60.13]	Continuous emission monitoring system (CEMS) for NOx and O2 shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.
80	[40 CFR 60.44b]	Nitrogen oxides <= 0.20 lb/MMBTU (86 ng/J) heat input (based on high heat release and expressed as NO2), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db. Which Months: All Year Statistical Basis: Thirty-day rolling average
81	[40 CFR 60.48b(b)(1)]	Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d), except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)] Which Months: All Year Statistical Basis: Hourly average
82	[40 CFR 60.48b(b)(1)]	Nitrogen oxides recordkeeping by CMS continuously, except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]
83	[40 CFR 60.48b(c)]	Operate NOx continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]
84	[40 CFR 60.48b(f)]	When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]
85	[40 CFR 60.49b(h)]	Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]
86	[40 CFR 60.49b(i)]	Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]
87	[40 CFR 60.49b(p)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the calendar date, the number of hours of operation, and the hourly steam load for each steam generating unit operating day. Subpart Db. [40 CFR 60.49b(p)]
88	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

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AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
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EQT0033 31F-801, Boiler No. 1

89	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
90	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements of LAC 33:III.Chapter 15. [40 CFR 60.40b(c), LAC 33:III.1503.C]
91	[LAC 33:III.5107.A.2]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.3.a.

EQT0034 31F-802, Boiler No. 2

92	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
93	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
94	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
95	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
96	[40 CFR 60.13]	Continuous emission monitoring system (CEMS) for NOx and O2 shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.
97	[40 CFR 60.44b]	Nitrogen oxides <= 0.20 lb/MMBTU (86 ng/J) heat input (based on high heat release and expressed as NO2), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db. Which Months: All Year Statistical Basis: Thirty-day rolling average
98	[40 CFR 60.48b(b)(1)]	Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d), except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)] Which Months: All Year Statistical Basis: Hourly average
99	[40 CFR 60.48b(b)(1)]	Nitrogen oxides recordkeeping by CMS continuously, except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]
100	[40 CFR 60.48b(c)]	Operate NOx continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]
101	[40 CFR 60.48b(f)]	When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]
102	[40 CFR 60.49b(h)]	Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]
103	[40 CFR 60.49b(i)]	Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]
104	[40 CFR 60.49b(p)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the calendar date, the number of hours of operation, and the hourly steam load for each steam generating unit operating day. Subpart Db. [40 CFR 60.49b(p)]

SPECIFIC REQUIREMENTS

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EQT0034 31F-802, Boiler No. 2

105	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
106	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
107	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements of LAC 33:III.Chapter 15. [40 CFR 60.40b(c), LAC 33:III.1503.C]
108	[LAC 33:III.5107.A.2]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.3.a.

EQT0035 31F-803, Boiler No. 3

109	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
110	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
111	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
112	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
113	[40 CFR 60.13]	Continuous emission monitoring system (CEMS) for NOx and O2 shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.
114	[40 CFR 60.44b]	Nitrogen oxides <= 0.20 lb/MMBTU (86 ng/J) heat input (based on high heat release and expressed as NO2), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db. Which Months: All Year Statistical Basis: Thirty-day rolling average
115	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
116	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
117	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
118	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0036 31F-805, Boiler No. 4

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0036 31F-805, Boiler No. 4

119	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
120	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
121	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
122	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
123	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
124	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
125	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
126	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0037 31F-810, Boiler

127	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
128	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
129	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
130	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
131	[40 CFR 60.44b]	Nitrogen oxides <= 0.20 lb/MMBTU (86 ng/J) heat input (based on high heat release and expressed as NO2), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db. Which Months: All Year Statistical Basis: Thirty-day rolling average
132	[40 CFR 60.48b(b)(1)]	Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d), except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)] Which Months: All Year Statistical Basis: Hourly average
133	[40 CFR 60.48b(b)(1)]	Nitrogen oxides recordkeeping by CMS continuously, except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]
134	[40 CFR 60.48b(c)]	Operate NOx continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0037 31F-810, Boiler

135	[40 CFR 60.48b(f)]	When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]
136	[40 CFR 60.49b(h)]	Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]
137	[40 CFR 60.49b(i)]	Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]
138	[40 CFR 60.49b(p)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the calendar date, the number of hours of operation, and the hourly steam load for each steam generating unit operating day. Subpart Db. [40 CFR 60.49b(p)]
139	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
140	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
141	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements of LAC 33:III.Chapter 15 and NSPS 40 CFR 40b. [40 CFR 60.40b(c), LAC 33:III.1503.C]
142	[LAC 33:III.509]	Permittee shall maintain and operate NOx and O2 Continuous Emission Monitoring System (CEMS) in accordance with the quantity assurance and quality control (QA/QC) measures as per NSPS, 40 CFR 60, Appendix F. [PSD-LA-600]. [LAC 33:III.509, 40 CFR 52.21]
143	[LAC 33:III.509]	Shall limit NOx emissions to 45.60 lb/hr on a one-hour maximum and limit NOx emissions to 199.73 tons/yr on a 365 day rolling average. [PSD-LA-600]. [LAC 33:III.509, 40 CFR 52.21]
144	[LAC 33:III.5107.A.2]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.3.a.

EQT0038 3F-401, HTU-1 HSR Charge Heater

145	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
146	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
147	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
148	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
149	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0038 3F-401, HTU-1 HSR Charge Heater

150	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
151	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15.

EQT0039 3F-402, HTU-1 Kerosene Charge Heater

152	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
153	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
154	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
155	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
156	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
157	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
158	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15.
159	[LAC 33:III.509]	Shall limit PM10 emissions to 1.25 lb/hr on a one-hour maximum and 5.475 tons/yr on a 365 day rolling average and keep records. [PSD-LA-639 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0040 3F-403, HTU-1 HSR Reboiler

160	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
161	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
162	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
163	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
164	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0040 3F-403, HTU-1 HSR Reboiler

165	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
166	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15.

EQT0041 3F-404, HTU-1 Kerosene Reboiler

167	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
168	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
169	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
170	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
171	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
172	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
173	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15.

EQT0042 4F-501, CRU Charge Heater

174	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
175	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
176	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
177	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
178	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
179	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0042 4F-501, CRU Charge Heater

180	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15.
181	[LAC 33:III.509]	Shall limit PM10 emissions to 3.30 lb/hr on a one-hour maximum and 14.454 tons/yr on a 365 day rolling average and keep records. [PSD-LA-639 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0043 4F-502, CRU Inter Heater No. 1

182	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
183	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
184	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
185	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
186	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
187	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
188	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15.
189	[LAC 33:III.509]	Shall limit PM10 emissions to 3.46 lb/hr on a one-hour maximum and 15.155 tons/yr on a 365 day rolling average and keep records. [PSD-LA-639 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0044 4F-503, CRU Inter Heater No. 3

190	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
191	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
192	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
193	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
194	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0044 4F-503, CRU Inter Heater No. 3

195	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
196	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15.

EQT0045 4F-504, CRU Inter Heater No. 2

197	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
198	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
199	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
200	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
201	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
202	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
203	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15.
204	[LAC 33:III.509]	Shall limit CO emissions to 0.94 lb/hr on a one-hour maximum and limit CO emissions to 19.12 tons/yr on a 365 day rolling average. [PSD-LA-420 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0046 4F-508, CRU-HTU Common Stack

205	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
206	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
207	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
208	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
209	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0046 4F-508, CRU-HTU Common Stack

210	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
211	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15.
212	[LAC 33:III.501.C.6]	Permittee shall continuously monitor the heat input to the HTU-1 and CRU individual equipment (heaters and reboilers) referenced in this specific condition. Based on the monitored heat input and individual emission factors for the equipment, the permittee shall calculate emissions for each equipment. The total heat input to all the equipment shall not exceed 733 MM BTU/hr (High Heating Value annual average) and the total calculated emissions from all the equipment shall not exceed PM10, 61.00 tons per year (TPY); SO2, 63.90 TPY; NOx, 289.00 TPY; CO, 160.50 TPY; and VOC, 17.31 TPY. Emissions from these equipment shall be reported under an emission cap, CRU-HTU-1Common Stack, Emission Point 4F-508. The total heat input and the calculated emissions of the individual equipment shall be recorded each month, as well as the heat input and the total calculated emissions for all the equipment for the last twelve months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total heat input and the calculated emissions from the equipment above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the heat input of the individual equipment and the overall total heat input and the emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year., □ Emission Points 3F-301, 3F-402, 3F-403, 3F-404, 4F-501, 4F-502, 4F-503, 4F-504, and 4KT-501.

EQT0047 4KT-501, CRU Recycle Compressor Gas Turbine

213	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
214	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
215	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
216	[40 CFR 60.13(d)]	Monitoring: Permittee shall monitor once daily and maintain the temperature of the amine in the fuel gas scrubber at or below 129 degrees F. The permittee shall also monitor the concentration of H2S using detection tubes, with ranges detailed in the EPA guidance to Koch fuel, in accordance with the frequency schedule detailed in that policy.□ □ Exceedance: If the temperature of the amine in the fuel gas scrubber exceeds 129 degrees F begin daily sampling for H2S concentration. If during this time the H2S concentration exceeds 81 ppmv, then begin continuous H2S monitoring. If the concentration is below 81 ppmv continue sampling till the temperature of the amine in the fuel gas scrubber is below 1290F; then go back to the normal monitoring.□ □ Reporting: The exceedance shall be reported to the Office of the Environmental Compliance, Enforcement Division. If the temperature of the fuel gas scrubber exceeds 129 degrees F for more than 14 consecutive days, an exceedance report shall also be submitted to the U.S. Environmental Protection Agency (EPA). [40 CFR 60.13(d), 40 CFR 60.105(a)(4)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
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EQT0047 4KT-501, CRU Recycle Compressor Gas Turbine

217	[40 CFR 60.332(a)(2)]	Nitrogen oxides <= 0.015 % by volume at 15% oxygen and on a dry basis in gases discharged to the atmosphere. Use analytical methods and procedures that are accurate to within 5 percent and are approved by DEQ to determine the nitrogen content of the fuel being fired per 40 CFR 60.335(a). Subpart GG. [40 CFR 60.332(a)(2)] Which Months: All Year Statistical Basis: None specified
218	[40 CFR 60.333(b)]	Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)] Which Months: All Year Statistical Basis: None specified
219	[40 CFR 60.334(c)]	Shall comply with the applicable monitoring requirements for pollutants SO2 and NOx according to the requirments of 40 CFR 60.334(c). Subpart GG. [40 CFR 60.334(c)]
220	[40 CFR 60.334(j)(3)]	Submit quarterly excess emissions report: Due by the 30th day following the end of each calendar quarter. Report periods during which an exemption provided in 40 CFR 60.332(f) is in effect. Report the date and time the air pollution control system was deactivated, and the date and time the air pollution control system was reactivated. Subpart GG. [40 CFR 60.334(j)(3)]
221	[40 CFR 60.334(j)(4)]	Include each period during which an exemption provided in 40 CFR 60.332(k) is in effect in the report required in 40 CFR 60.7(c). For each period, report the type, reasons, and duration of the firing of the emergency fuel. Subpart GG. [40 CFR 60.334(j)(4)]
222	[40 CFR 60.334(j)]	Submit excess emissions reports and monitor downtime in accordance with 40 CFR 60.7(c). Report excess emissions for all periods of unit operation, including startup, shutdown and malfunction. Subpart GG. [40 CFR 60.334(j)]
223	[40 CFR 60.335]	Determine compliance using the test methods and procedures specified in 40 CFR 60.335(a) through (c). Subpart GG.
224	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
225	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
226	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
227	[LAC 33:III.5107.A.2]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0048 70D-501, Dust Handling Vent

228	[LAC 33:III.1305]	Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
229	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
230	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0049 70H-101, H-Oil Train 100 Feed Heater

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
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EQT0049 70H-101, H-Oil Train 100 Feed Heater

231	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
232	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
233	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
234	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
235	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
236	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
237	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
238	[LAC 33:III.509]	Shall limit CO emissions to 2.44 lb/hr on a one-hour maximum and limit CO emissions to 3.56 tons/yr on a 365 day rolling average. [PSD-LA-420 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0050 70H-102, H-Oil Train 100 Hydrogen Heater

239	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
240	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
241	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
242	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
243	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
244	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
245	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
246	[LAC 33:III.509]	Shall limit CO emissions to 3.82 lb/hr on a one-hour maximum and limit CO emissions to 2.32 tons/yr on a 365 day rolling average. [PSD-LA-420 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

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AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
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EQT0051 70H-201, H-Oil Train 200 Feed Heater

247	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
248	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
249	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
250	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
251	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
252	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
253	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
254	[LAC 33:III.509]	Shall limit CO emissions to 2.44 lb/hr on a one-hour maximum and limit CO emissions to 3.48 tons/yr on a 365 day rolling average. [PSD-LA-420 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0052 70H-202, H-Oil Train 200 Hydrogen Heater

255	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
256	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
257	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
258	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
259	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
260	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
261	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
262	[LAC 33:III.509]	Shall limit CO emissions to 3.82 lb/hr on a one-hour maximum and limit CO emissions to 2.11 tons/yr on a 365 day rolling average. [PSD-LA-420 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

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EQT0053 70H-302, H-Oil Vacuum Tower Heater

263	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
264	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
265	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
266	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
267	[40 CFR 60.13(d)(1)]	Equipment/operational data for CO monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. Subpart A. [PSD-LA-420 (M-1)]. [40 CFR 52.21, LAC 33:III.509, 40 CFR 60.13(d)(1)]
268	[40 CFR 63.643(a)(2)]	Process vent stream routed from H-Oil Hot Well Knockout Drum. Organic HAP >= 98 % reduction by weight, or <= 20 ppmv, on a dry basis, corrected to 3% oxygen, whichever is less stringent, using a control device. Subpart CC. [40 CFR 63.643(a)(2), 40 CFR 63.643(b)] Which Months: All Year Statistical Basis: None specified
269	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
270	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
271	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
272	[LAC 33:III.509]	Shall limit CO emissions to 2.85 lb/hr on a one-hour maximum and limit CO emissions to 0.91 tons/yr on a 365 day rolling average. [PSD-LA-420 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0054 70H-501, H-Oil Transport Oil Heater

273	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
274	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
275	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
276	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.

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EQT0054 70H-501, H-Oil Transport Oil Heater

277	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
278	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
279	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
280	[LAC 33:III.509]	Shall limit NOx emissions to 0.84 lb/hr on a one-hour maximum and limit NOx emissions to 2.63 tons/yr on a 365 day rolling average. [PSD-LA-673]. [40 CFR 52.21, LAC 33:III.509]
281	[LAC 33:III.509]	Shall limit PM10 emissions to 0.16 lb/hr on a one-hour maximum and 0.49 tons/yr on a 365 day rolling average. [PSD-LA-673]. [LAC 33:III.509, 40 CFR 52.21]

EQT0055 76H-101, TGTU No. 2 Incinerator Stack

282	[40 CFR 60.104(a)(2)(i)]	Sulfur dioxide <= 250 ppmv @ 0% excess air (dry basis). Subpart J. [40 CFR 60.104(a)(2)(i)] Which Months: All Year Statistical Basis: None specified
283	[40 CFR 60.105(a)(5)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Include an oxygen monitor for correcting the data for excess air. Subpart J. [40 CFR 60.105(a)(5)] Which Months: All Year Statistical Basis: None specified
284	[40 CFR 60.105(e)(4)(i)]	Sulfur dioxide: Shall report all exceedances (above 250 ppm, dry basis at zero percent excess air) based on a 12 hour period concentrations of SO2 as measured by the SO2 CMS as per 40 CFR 60.105(a)(5). [40 CFR 60.105(e)(4)(i)]
285	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
286	[40 CFR 60.107]	Sulfur dioxide recordkeeping by CMS continuously.
287	[40 CFR 60.13(d)(1)]	Equipment/operational data for SO2 monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. Subpart A. [40 CFR 60.13(d)(1)]
288	[40 CFR 60.13]	Continuous emission monitoring system (CEMS) for O2 shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.
289	[40 CFR 63.1568(a)(1)(i)]	Sulfur dioxide <= 250 ppmv (dry basis) at 0% excess air. Subpart UUU. [40 CFR 63.1568(a)(1)(i)] Which Months: All Year Statistical Basis: None specified
290	[40 CFR 63.1568(b)(2)]	Conduct each performance test according to the requirements in 40 CFR 63.1571 and the conditions specified in 40 CFR 63 Subpart UUU Table 32. Subpart UUU. [40 CFR 63.1568(b)(2)]
291	[40 CFR 63.1568(b)(5)]	Demonstrate initial compliance with each applicable emission limitation according to 40 CFR 63 Subpart UUU Table 33. Subpart UUU. [40 CFR 63.1568(b)(5)]
292	[40 CFR 63.1568(c)(1)]	Demonstrate continuous compliance with each applicable emission limitation in 40 CFR 63 Subpart UUU Tables 29 and 30 according to the methods specified in 40 CFR 63 Subpart UUU Tables 34 and 35. Subpart UUU. [40 CFR 63.1568(c)(1)]

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EQT0055 76H-101, TGTU No. 2 Incinerator Stack

293	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
294	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
295	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements of LAC 33:III.Chapter 15 - Emissions for Sulfur Dioxide and NESHAP, 40 CFR 63, Subaprt UUU - For Petroleum Refineries:Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units. [LAC 33:III.1503.C, 40 CFR 63.1568]
296	[LAC 33:III.509]	Shall limit CO emissions to 0.46 lb/hr on a one-hour maximum and limit CO emissions to 1.14 tons/yr on a 365 day rolling average. [PSD-LA-378 (M-2)]. [40 CFR 52.21, LAC 33:III.509]
297	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0056 77H-101, TGTU No. 3 Incinerator Stack

298	[40 CFR 60.104(a)(2)(i)]	Sulfur dioxide <= 250 ppmv @ 0% excess air (dry basis). Subpart J. [40 CFR 60.104(a)(2)(i)] Which Months: All Year Statistical Basis: None specified
299	[40 CFR 60.105(a)(5)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Include an oxygen monitor for correcting the data for excess air. Subpart J. [40 CFR 60.105(a)(5)] Which Months: All Year Statistical Basis: None specified
300	[40 CFR 60.105(e)(4)(i)]	Sulfur dioxide: Shall report all exceedances (above 250 ppm, dry basis at zero percent excess air) based on a 12 hour period concentrations of SO2 as measured by the SO2 CMS as per 40 CFR 60.105(a)(5). [40 CFR 60.105(e)(4)(i)]
301	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
302	[40 CFR 60.107]	Sulfur dioxide recordkeeping by CMS continuously.
303	[40 CFR 60.13(d)(1)]	Equipment/operational data for SO2 monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. Subpart A. [40 CFR 60.13(d)(1)]
304	[40 CFR 60.13]	Continuous emission monitoring system (CEMS) for O2 shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.
305	[40 CFR 63.1568(a)(1)(i)]	Sulfur dioxide <= 250 ppmv (dry basis) at 0% excess air. Subpart UUU. [40 CFR 63.1568(a)(1)(i)] Which Months: All Year Statistical Basis: None specified
306	[40 CFR 63.1568(b)(2)]	Conduct each performance test according to the requirements in 40 CFR 63.1571 and the conditions specified in 40 CFR 63 Subpart UUU Table 32. Subpart UUU. [40 CFR 63.1568(b)(2)]
307	[40 CFR 63.1568(b)(5)]	Demonstrate initial compliance with each applicable emission limitation according to 40 CFR 63 Subpart UUU Table 33. Subpart UUU. [40 CFR 63.1568(b)(5)]

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EQT0056 77H-101, TGTU No. 3 Incinerator Stack

308	[40 CFR 63.1568(c)(1)]	Demonstrate continuous compliance with each applicable emission limitation in 40 CFR 63 Subpart UUU Tables 29 and 30 according to the methods specified in 40 CFR 63 Subpart UUU Tables 34 and 35. Subpart UUU. [40 CFR 63.1568(c)(1)]
309	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
310	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
311	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements of LAC 33:III.Chapter 15 - Emissions for Sulfur Dioxide and NESHAP, 40 CFR 63, Subaprt UUU - For Petroleum Refineries:Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units. [LAC 33:III.1503.C, 40 CFR 63.1568]
312	[LAC 33:III.509]	Shall limit CO emissions to 0.46 lb/hr on a one-hour maximum and limit CO emissions to 1.14 tons/yr on a 365 day rolling average. [PSD-LA-378 (-M-2). [40 CFR 52.21, LAC 33:III.509]
313	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0057 78H-101, TGTU No. 4 Incinerator Stack

314	[40 CFR 60.104(a)(2)(i)]	Sulfur dioxide <= 250 ppmv @ 0% excess air (dry basis). Subpart J. [40 CFR 60.104(a)(2)(i)] Which Months: All Year Statistical Basis: None specified
315	[40 CFR 60.105(a)(5)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Include an oxygen monitor for correcting the data for excess air. Subpart J. [40 CFR 60.105(a)(5)] Which Months: All Year Statistical Basis: None specified
316	[40 CFR 60.105(e)(4)(i)]	Sulfur dioxide: Shall report all exceedances (above 250 ppm, dry basis at zero percent excess air) based on a 12 hour period concentrations of SO2 as measured by the SO2 CMS as per 40 CFR 60.105(a)(5). [40 CFR 60.105(e)(4)(i)]
317	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
318	[40 CFR 60.107]	Sulfur dioxide recordkeeping by CMS continuously.
319	[40 CFR 60.13(d)(1)]	Equipment/operational data for SO2 monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. [40 CFR 60.13(d)(1)]
320	[40 CFR 60.13]	Continuous emission monitoring system (CEMS) for O2 shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.
321	[40 CFR 63.1568(a)(1)(i)]	Sulfur dioxide <= 250 ppmv (dry basis) at 0% excess air. Subpart UUU. [40 CFR 63.1568(a)(1)(i)] Which Months: All Year Statistical Basis: None specified
322	[40 CFR 63.1568(b)(2)]	Conduct each performance test according to the requirements in 40 CFR 63.1571 and the conditions specified in 40 CFR 63 Subpart UUU Table 32. Subpart UUU. [40 CFR 63.1568(b)(2)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0057 78H-101, TGTU No. 4 Incinerator Stack

323	[40 CFR 63.1568(b)(5)]	Demonstrate initial compliance with each applicable emission limitation according to 40 CFR 63 Subpart UUU Table 33. Subpart UUU. [40 CFR 63.1568(b)(5)]
324	[40 CFR 63.1568(c)(1)]	Demonstrate continuous compliance with each applicable emission limitation in 40 CFR 63 Subpart UUU Tables 29 and 30 according to the methods specified in 40 CFR 63 Subpart UUU Tables 34 and 35. Subpart UUU. [40 CFR 63.1568(c)(1)]
325	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
326	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
327	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements of LAC 33:III.Chapter 15 - Emissions for Sulfur Dioxide and NESHAP, 40 CFR 63, Subaprt UUU - For Petroleum Refineries:Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units. [LAC 33:III.1503.C, 40 CFR 63.1568]
328	[LAC 33:III.509]	Shall limit CO emissions to 0.46 lb/hr on a one-hour maximum and limit CO emissions to 1.14 tons/yr on a 365 day rolling average. [PSD-LA-378 (M-2)]. [40 CFR 52.21, LAC 33:III.509]
329	[LAC 33:III.509]	Shall limit NOx emissions to 2.25 lb/hr on a one-hour maximum and limit NOx emissions to 6.44 tons/yr on a 365 day rolling average. [PSD-LA-673]. [LAC 33:III.509, 40 CFR 52.21]
330	[LAC 33:III.509]	Shall limit PM10 emissions to 0.17 lb/hr on a one-hour maximum and 0.49 tons/yr on a 365 day rolling average. [PSD-LA-673]. [LAC 33:III.509, 40 CFR 52.21]
331	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0058 79H-402, HGU Boiler

332	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
333	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
334	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
335	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
336	[40 CFR 60.48c]	Shall comply with all the applicable requirements of NSPS, 40 CFR 60.48c - Reporting and recordkeeping Requirements, as the the boiler burns refinery fuel gas.
337	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0058 79H-402, HGU Boiler

338	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
339	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements of LAC 33:III.Chapter 15. [40 CFR 60.40b(c), LAC 33:III.1503.C]
340	[LAC 33:III.509]	Shall limit CO emissions to 7.44 lb/hr on a one-hour maximum and limit CO emissions to 14.79 tons/yr on a 365 day rolling average. [PSD-LA-420 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]
341	[LAC 33:III.5107.A.2]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.3.a.

EQT0059 79J-904, TORVEX Incinerator Exhaust

342	[40 CFR 60.104(a)(2)(i)]	Sulfur dioxide <= 250 ppmv @ 0% excess air (dry basis). Subpart J. [40 CFR 60.104(a)(2)(i)] Which Months: All Year Statistical Basis: None specified
343	[40 CFR 60.107]	Sulfur dioxide recordkeeping by CMS continuously.
344	[40 CFR 60.13(d)(1)]	Equipment/operational data for O2 monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. Subpart A. [PSD-LA-420 (M-1)]. [40 CFR 60.13(d)(1)]
345	[40 CFR 60.13(l)]	Hydrogen sulfide monitored by technically sound method daily (detection tubes). Monitor the H2S in the column overhead vent stream to the HGU Torvex Catalytic Converter with ranges as detailed in the EPA policy guidance to Koch fuel, in accordance with the frequency schedule detailed in the policy guidance. Refer to EPA letter for Alternate Monitoring Plan (AMP) dated March 1, 2005. Subpart J. [40 CFR 60.13(l), 40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
346	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
347	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
348	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15.
349	[LAC 33:III.1705]	Shall not emit the carbon monoxide waste gas stream from any catalyst regeneration of a petroleum cracking system, petroleum fluid coker, or other petroleum process into the atmosphere unless the waste gas stream is burned in a direct flame afterburner or boiler or is controlled by other means approved by DEQ.

EQT0060 7F-1, Gas Oil Heater

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0060 7F-1, Gas Oil Heater

350	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
351	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
352	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
353	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
354	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
355	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
356	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0061 82H-101, TGTU No. 5 Incinerator Stack

357	[40 CFR 60.104(a)(2)(i)]	Sulfur dioxide <= 250 ppmv @ 0% excess air (dry basis). Subpart J. [40 CFR 60.104(a)(2)(i)] Which Months: All Year Statistical Basis: None specified
358	[40 CFR 60.105(a)(5)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Include an oxygen monitor for correcting the data for excess air. Subpart J. [40 CFR 60.105(a)(5)] Which Months: All Year Statistical Basis: None specified
359	[40 CFR 60.105(e)(4)(i)]	Sulfur dioxide: Shall report all exceedances (above 250 ppm, dry basis at zero percent excess air) based on a 12 hour period concentrations of SO2 as measured by the SO2 CMS as per 40 CFR 60.105(a)(5). [40 CFR 60.105(e)(4)(i)]
360	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
361	[40 CFR 60.107]	Sulfur dioxide recordkeeping by CMS continuously.
362	[40 CFR 60.13(d)(1)]	Equipment/operational data for SO2 monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. Subpart A. [40 CFR 60.13(d)(1)]
363	[40 CFR 60.13]	Continuous emission monitoring system (CEMS) for O2 shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.
364	[40 CFR 63.1568(a)(1)(i)]	Sulfur dioxide <= 250 ppmv (dry basis) at 0% excess air. Subpart UUU. [40 CFR 63.1568(a)(1)(i)] Which Months: All Year Statistical Basis: None specified
365	[40 CFR 63.1568(b)(2)]	Conduct each performance test according to the requirements in 40 CFR 63.1571 and the conditions specified in 40 CFR 63 Subpart UUU Table 32. Subpart UUU. [40 CFR 63.1568(b)(2)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0061 82H-101, TGTU No. 5 Incinerator Stack

366	[40 CFR 63.1568(b)(5)]	Demonstrate initial compliance with each applicable emission limitation according to 40 CFR 63 Subpart UUU Table 33. Subpart UUU. [40 CFR 63.1568(b)(5)]
367	[40 CFR 63.1568(c)(1)]	Demonstrate continuous compliance with each applicable emission limitation in 40 CFR 63 Subpart UUU Tables 29 and 30 according to the methods specified in 40 CFR 63 Subpart UUU Tables 34 and 35. Subpart UUU. [40 CFR 63.1568(c)(1)]
368	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
369	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
370	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined compliance with all the applicable requirements of LAC 33:III.Chapter 15 - Emissions for Sulfur Dioxide and NESHAP, 40 CFR 63, Subaprt UUU - For Petroleum Refineries:Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units. [LAC 33:III.1503.C, 40 CFR 63.1568]
371	[LAC 33:III.501.C.6]	Equipment/operational data for SO2 monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. Subpart A. [PSD-LA-420 (M-1)].
372	[LAC 33:III.509]	Shall limit CO emissions to 0.46 lb/hr on a one-hour maximum and limit CO emissions to 1.30 tons/yr on a 365 day rolling average. [PSD-LA-420 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]
373	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0062 83H-101, VPS-2 Atmospheric Tower Feed Heater

374	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
375	[40 CFR 60.105(a)(10)]	Oxygen monitored by continuous emission monitor (CEM) continuously at both the inlet and outlet of the sulfur dioxide control device (or the outlet only if specifically complying with the 50 ppmv standard). Subpart J. [40 CFR 60.105(a)(10)] Which Months: All Year Statistical Basis: None specified
376	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Facility may adopt alternate monitoring plan (AMP) with the approval of U.S. EPA. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
377	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
378	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
379	[40 CFR 60.13]	Continuous emission monitoring system (CEMS) for O2 shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0062 83H-101, VPS-2 Atmospheric Tower Feed Heater

380	[40 CFR 63.643(a)(2)]	Process vent stream routed from VPS-2 Vacuum Eductor and VPS-2 Disulfide Separator. Organic HAP >= 98 % reduction by weight, or <= 20 ppmv, on a dry basis, corrected to 3% oxygen, whichever is less stringent, using a control device. Subpart CC. [40 CFR 63.643(a)(2), 40 CFR 63.643(b)] Which Months: All Year Statistical Basis: None specified
381	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
382	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
383	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
384	[LAC 33:III.509]	Shall limit PM10 emissions to 4.48 lb/hr on a one-hour maximum and 14.00 tons/yr on a 365 day rolling average. [PSD-LA-639 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0063 83H-102, VPS-2 Vacuum Heater

385	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
386	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
387	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
388	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
389	[40 CFR 60.13(d)(1)]	Equipment/operational data for CO monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. Subpart A. [PSD-LA-420 (M-1)]. [40 CFR 52.21, LAC 33:III.509, 40 CFR 60.13(d)(1)]
390	[40 CFR 60.13(d)(1)]	Recordkeeping: Equipment/operational data recordkeeping by continuous emission monitor (CEM) daily. Record and quantify the CEMS excess zero and span drift whenever specified. Subpart A. [40 CFR 60.13(d)(1)]
391	[40 CFR 60.13(d)]	VPS-2 Vacuum Tower Offgas (83F-123): Continuous emission monitoring system (CEMS) shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.□ □ Equipment/operational data monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. Subpart A. [40 CFR 60.13(d)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0063 83H-102, VPS-2 Vacuum Heater

392	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
393	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
394	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
395	[LAC 33:III.509]	Shall limit CO emissions to 4.03 lb/hr on a one-hour maximum and limit CO emissions to 0.77 tons/yr on a 365 day rolling average. [PSD-LA-420 (M-1)]. [LAC 33:III.509, 40 CFR 52.21]

EQT0064 85D-105, HGU WWTU Flare

396	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
397	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by technically sound method daily (detection tubes). Monitor the H2S in the HGU Wastewater Treatment Unit (WWTU) with ranges as detailed in the EPA policy guidance to Koch fuel, in accordance with the frequency schedule detailed in the policy guidance. Refer to EPA letter for Alternate Monitoring Plan (AMP) dated ***March 1, 2005. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
398	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
399	[40 CFR 60.18(c)(1)]	Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 60.18(c)(1)]
400	[40 CFR 60.18(c)(2)]	Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2). Subpart A. [40 CFR 60.18(c)(2)]
401	[40 CFR 60.18(c)(3)(ii)]	Heat content >= 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3). Subpart A. [40 CFR 60.18(c)(3)(ii)] Which Months: All Year Statistical Basis: None specified
402	[40 CFR 60.18(c)(5)]	Exit Velocity < 60 ft/sec (Vmax). Determine Vmax using the method specified in 40 CFR 60.18(f)(6). Subpart A. [40 CFR 60.18(c)(5)] Which Months: All Year Statistical Basis: None specified
403	[40 CFR 60.18(d)]	Monitor flares to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how to monitor flares. Subpart A. [40 CFR 60.18(d)]
404	[40 CFR 60.18(e)]	Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 60.18(e)]
405	[40 CFR 60.18(f)(2)]	Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 60.18(f)(2)] Which Months: All Year Statistical Basis: None specified
406	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified

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EQT0064 85D-105, HGU WWTU Flare

407	[LAC 33:III.1105]	Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.
408	[LAC 33:III.1107]	Submit report: Due in writing to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, within seven calendar days after startup or shutdown, if flaring was not the result of failure to maintain or repair equipment. Submit report if requesting exemption from the provisions of LAC 33:III.1105. Explain the conditions and duration of the startup or shutdown and list the steps necessary to remedy, prevent and limit the excess emissions. Minimize flaring and ensure that no ambient air quality standards are jeopardized.
409	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements of LAC 33:III.Chapter 15.
410	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0065 94H-101, ISOM Reactor Feed Furnace

411	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
412	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
413	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
414	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
415	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
416	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
417	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0066 96H-201, HDS-1 Heater

418	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
419	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
420	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.

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EQT0066 96H-201, HDS-1 Heater

421	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
422	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
423	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
424	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.
425	[LAC 33:III.509]	Shall limit NOx emissions to 5.60 lb/hr on a one-hour maximum and limit NOx emissions to 17.52 tons/yr on a 365 day rolling average. [PSD-LA-673]. [LAC 33:III.509, 40 CFR 52.21]
426	[LAC 33:III.509]	Shall limit PM10 emissions to 1.04 lb/hr on a one-hour maximum and 3.26 tons/yr on a 365 day rolling average. [PSD-LA-673]. [LAC 33:III.509, 40 CFR 52.21]

EQT0067 AIR COMP, Diesel Fired Air Compressors

427	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
428	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
429	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
430	[LAC 33:III.501.C.6]	Permittee shall comply with all the applicable state and federal requirements. If a diesel fired engine is greater than 500 hp it shall not be operated more than 700 hours in consecutive six months. The total hours of turnaround of a unit or equipment can exceed based on the calculated hours but the overall total emissions shall not exceed.

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EQT0067 AIR COMP, Diesel Fired Air Compressors

431	[LAC 33:III.501.C.6]	Permittee shall keep record of the diesel fired air compressor engine horsepower, number of hours of operation, number of engines, and the corresponding emissions for each air compressor engine. The emissions shall be calculated based on the associated emissions factors. The total annual diesel consumption shall not be more than 137,454 gallons per year and the annual emissions shall not exceed PM10, 0.52 tons per year (TPY); SO2, 7.59 TPY; NOx, 39.99 TPY; CO, 9.96 TPY; and VOC, 1.01 TPY from air compressor engines, Emission Point AIR COMP. The total emissions calculated based on the operations of the individual air compressor engines shall be recorded each month, as well as the total calculated emissions for all the air compressor engines for the last twelve months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total calculated emissions based on the operation of the air compressor engines above the maximum for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report of the operation record and the overall total emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.

EQT0068 FCCU CAT, FCCU Catalyst Handling

432	[LAC 33:III.1305]	Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
433	[LAC 33:III.1311.D]	Opacity <= 30 percent, except for one six-minute average opacity reading in any one hour period. Which Months: All Year Statistical Basis: Six-minute average
434	[LAC 33:III.501.C.6]	Fabric Filters (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. Which Months: All Year Statistical Basis: None specified
435	[LAC 33:III.501.C.6]	Fabric Filters: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
436	[LAC 33:III.501.C.6]	Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Which Months: All Year Statistical Basis: None specified
437	[LAC 33:III.501.C.6]	Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
438	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) >= 95 % removal efficiency from filter manufacturer's certification. Which Months: All Year Statistical Basis: None specified
439	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less): Emissions controlled by Fabric Filters with an efficiency of 95 percent or greater.
440	[LAC 33:III.501.C.6]	Vanadium, Total (As V) <= 0.02 lb/hr. Which Months: All Year Statistical Basis: Hourly average
441	[LAC 33:III.501.C.6]	Vanadium, Total (As V) <= 0.06 lb/hr. Which Months: All Year Statistical Basis: Hourly maximum
442	[LAC 33:III.501.C.6]	Vanadium, Total (As V) <= 0.09 tons/yr. Which Months: All Year Statistical Basis: Annual maximum

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EQT0069 2F-301, FCCU Feed Heater

443	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
444	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
445	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
446	[40 CFR 60.13(d)]	Monitoring: Permittee shall maintain the concentration of the NaOH in the caustic prewash tower greater than 4.84 wt. percent and shall monitor H2S concentration using detection tubes, with ranges detailed in the EPA guidance to Koch fuel, in accordance with the frequency schedule detailed in that policy.□ □ Exceedance and Reporting: If the NaOH concentration falls below 4.84 wt. percent, the permittee shall begin daily sampling of H2S in the oxidizer tower vent gas using detection tubes. If during this time the H2S concentration is exceeds 81 ppmv, then begin continuous H2S monitoring and notify LDEQ. If the concentration is below 81 ppmv continue sampling till the NaOH concentration is greater than 4.84 wt. percent; then go back to the normal monitoring. [40 CFR 60.13(d)]
447	[40 CFR 63.643(a)(2)]	Organic HAP >= 98 % reduction by weight, or <= 20 ppmv, on a dry basis, corrected to 3% oxygen, whichever is less stringent, using a control device. Subpart CC. [40 CFR 63.643(a)(2)] Which Months: All Year Statistical Basis: None specified
448	[40 CFR 63.643(a)(2)]	Process vent streams: Organic HAP >= 98 % reduction by weight, or <= 20 ppmv, on a dry basis, corrected to 3% oxygen, whichever is less stringent, using a control device. Subpart CC. [40 CFR 63.643(a)(2), 40 CFR 63.643(b)] Which Months: All Year Statistical Basis: None specified
449	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
450	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
451	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0070 2F-302, FCCU Recycle Heater

452	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
453	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
454	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.

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EQT0070 2F-302, FCCU Recycle Heater

455	[40 CFR 60.13(d)]	Monitoring: Permittee shall maintain the concentration of the NaOH in the caustic prewash tower greater than 4.84 wt. percent and shall monitor H2S concentration using detection tubes, with ranges detailed in the EPA guidance to Koch fuel, in accordance with the frequency schedule detailed in that policy.□ □ Exceedance and Reporting: If the NaOH concentration falls below 4.84 wt. percent, the permittee shall begin daily sampling of H2S in the oxidizer tower vent gas using detection tubes. If during this time the H2S concentration is exceeds 81 ppmv, then begin continuous H2S monitoring and notify LDEQ. If the concentration is below 81 ppmv continue sampling till the NaOH concentration is greater than 4.84 wt. percent; then go back to the normal monitoring. [40 CFR 60.13(d)]
456	[40 CFR 63.643(a)(2)]	Organic HAP >= 98 % reduction by weight, or <= 20 ppmv, on a dry basis, corrected to 3% oxygen, whichever is less stringent, using a control device. Subpart CC. [40 CFR 63.643(a)(2)] Which Months: All Year Statistical Basis: None specified
457	[40 CFR 63.643(a)(2)]	Process vent streams: Organic HAP >= 98 % reduction by weight, or <= 20 ppmv, on a dry basis, corrected to 3% oxygen, whichever is less stringent, using a control device. Subpart CC. [40 CFR 63.643(a)(2), 40 CFR 63.643(b)] Which Months: All Year Statistical Basis: None specified
458	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
459	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
460	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0071 FCCU WGS, FCCU Wet Gas Scrubber Stack

461	[40 CFR 60.102(a)(1)]	Total suspended particulate <= 1 kg/Mg (2.0 lb/ton) of coke burn-off, except as specified in 40 CFR 60.102(b). Subpart J. [40 CFR 60.102(a)(1)] Which Months: All Year Statistical Basis: None specified
462	[40 CFR 60.102(a)(2)]	Opacity <= 30 percent, except for one six-minute average opacity reading in any one hour period. Subpart J. [40 CFR 60.102(a)(2)] Which Months: All Year Statistical Basis: Six-minute average
463	[40 CFR 60.103(a)]	Carbon monoxide <= 500 ppmv (dry basis). Subpart J. [40 CFR 60.103(a)] Which Months: All Year Statistical Basis: Hourly avg maximum
464	[40 CFR 60.103(a)]	Shall limit CO emissions to 366 lb/hr on a one-hour maximum and limit CO emissions to 470.58 tons/yr on a 365 day rolling average. Shall maintain and operate the CEM in accordance with the quality assurance and quality control (QA/QC) measures as per NSPS, 40 CFR 60, Appendix F. [PSD-LA-378 (M-2)]. [40 CFR 60.103(a), LAC 33:III.509, 40 CFR 52.21]
465	[40 CFR 60.103]	Shall conduct compliance test on the scrubber to determine the operating parameters like liquid to gas ratio, pH, scrubber effluent temperature, number of venturies (if any); or any other relevant parameters to show compliance with the permitted limits of this permit. Subpart J. [40 CFR 60.103, 40 CFR 60.104, 40 CFR 60.105]

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EQT0071 FCCU WGS, FCCU Wet Gas Scrubber Stack

466	[40 CFR 60.104(a)(12)]	Shall operate the continuous emission monitoring systems (CEMS) for CO, SO2, NOx, CO2, O2 and under the requirements of 40 CFR 60.104(a)(8), (9) and (10), the Specifications of 40 CFR 60, Appendix B and Quality Assurance Procedure of 40 CFR 60, Appendix F to show compliance. Record the data during all periods of operation of the source including periods of startup, shutdown, or malfunction, except for continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments. In the condition of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments the facility shall comply with the requirements of 40 CFR 60.104(a)(13). Shall follow the same procedure as stated above for FCCU PRT By-Pass, Source No. 2C-518. Also applies to Source No. 2F-903. [40 CFR 60.104(a)(12)]
467	[40 CFR 60.104(b)(1)]	Sulfur dioxide >= 90 % reduction; or Sulfur dioxide <= 50 ppmv, whichever is less stringent, and 25 ppm at 365 day rolling average [Consent Decree]. Subpart J. [40 CFR 60.104(b)(1)] Which Months: All Year Statistical Basis: Seven-day rolling average
468	[40 CFR 60.105(a)(10)]	Oxygen monitored by continuous emission monitor (CEM) continuously at both the inlet and outlet of the sulfur dioxide control device (or the outlet only if specifically complying with the 50 ppmv standard). Subpart J. [40 CFR 60.105(a)(10)] Which Months: All Year Statistical Basis: None specified
469	[40 CFR 60.105(a)(2)]	Carbon monoxide monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.105(a)(2)(ii). Subpart J. [40 CFR 60.105(a)(2)] Which Months: All Year Statistical Basis: None specified
470	[40 CFR 60.105(a)(8)]	Shall limit SO2 emissions to 95.70 lb/hr on a one-hour maximum (consecutive 3-hour average) and 209.59 tons/yr on a 365 day rolling average. Shall maintain and operate the CEM in accordance with the quality assurance and quality control (QA/QC) measures as per NSPS, 40 CFR 60, Appendix F [Consent Decree]. [40 CFR 60.105(a)(8)]
471	[40 CFR 60.105(a)(9)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Subpart J. [40 CFR 60.105(a)(9)] Which Months: All Year Statistical Basis: None specified
472	[40 CFR 60.105(c)]	Rc & operating hours recordkeeping by electronic or hard copy daily. Record the average coke burn-off rate (Mg (tons) per hour) and hours of operation. Subpart J. [40 CFR 60.105(c)]
473	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
474	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
475	[40 CFR 60.107]	Shall comply with all the applicable recordkeeping and reporting requirements of 40 CFR 60.105(e) and 60.107. [40 CFR 60.105(e)(2), 40 CFR 60.107]
476	[40 CFR 63.1564(a)(1)]	Opacity <= 30 percent, except for one 6-minute average opacity reading in any 1-hour period, if the discharged gases pass through an incinerator or waste heat boiler in which you burn auxiliary or in supplemental liquid or solid fossil fuel. Subpart UUU. [40 CFR 63.1564(a)(1)] Which Months: All Year Statistical Basis: Six-minute average
477	[40 CFR 63.1564(a)(1)]	Particulate matter (10 microns or less) <= 1 lb /1000 lb of coke burned (1 kg/1000 kg) in the catalyst regenerator. Subpart UUU. [40 CFR 63.1564(a)(1)] Which Months: All Year Statistical Basis: None specified
478	[40 CFR 63.1564(b)(6)]	Demonstrate initial compliance with the work practice standard in 40 CFR 63.1564(a)(3) by submitting the operation, amintenance, and monitoring plan to DEQ as part of the Notifiacation of Compliance Status. [40 CFR 63.1564(b)(6)]
479	[40 CFR 63.1564(b)]	Determine initial compliance with emission limitations using the procedures in 40 CFR 63.1564(b)(4) and (b)(5). Subpart UUU. [40 CFR 63.1564(b)]

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EQT0071 FCCU WGS, FCCU Wet Gas Scrubber Stack

480	[40 CFR 63.1564]	Compliance with the requirements of NSPS 40 CFR 60.103 has been determined to be compliance with MACT in accordance with NESHAP 40 CFR 63.1564.
481	[40 CFR 63.1565(a)(1)]	Carbon monoxide <= 500 ppmv (dry basis). Subpart UUU. [40 CFR 63.1565(a)(1)] Which Months: All Year Statistical Basis: None specified
482	[40 CFR 63.1565(b)(4)]	Demonstrate initial compliance with each applicable emission limitation according to 40 CFR 63 Subpart UUU Table 12. Subpart UUU. [40 CFR 63.1565(b)(4)]
483	[40 CFR 63.1565(c)(1)]	Demonstrate continuous compliance with each applicable emission limitation in 40 CFR 63 Subpart UUU Tables 8 and 9 according to the methods specified in 40 CFR 63 Subpart UUU Tables 13 and 14. Subpart UUU. [40 CFR 63.1565(c)(1)]
484	[40 CFR 63.1565(c)(2)]	Shall prepare an operation, maintenance, and monitoring plan in accordance with 40 CFR 63.1574(f) and operate at all times according to the prcedures in the plan. Subpart UUU. [40 CFR 63.1565(c)(2)]
485	[LAC 33:III.1311.D]	Opacity <= 30 percent, except for one six-minute average opacity reading in any one hour period. Which Months: All Year Statistical Basis: Six-minute average
486	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements in accordance with LAC 33:III.Chapter 15 and Chapter 17.. [LAC 33:III.1503.C, LAC 33:III.1705]
487	[LAC 33:III.501.C.6]	Nitrogen dioxide <= 106.2 ppmdv or Nitrogen dioxide <= 74.5 ppmdv on a 365-day rolling average. Which Months: All Year Statistical Basis: 24-hour rolling average based on a one-hour average
488	[LAC 33:III.501.C.6]	Nitrogen oxide monitored by continuous emission monitor (CEM) continuously as per the requirements of the Consent Decree.
489	[LAC 33:III.501.C.6]	Nitrogen oxides <= 0 ppmv (dry basis). Which Months: All Year Statistical Basis: Hourly average
490	[LAC 33:III.501.C.6]	Shall limit NO2 emissions to 17.22 lb/hr on a 24-hr rolling average based on one hour average (maximum) and 339.58 tons/yr on a 365 day rolling average. Shall maintain and operate the CEM in accordance with the quality assurance and quality control (QA/QC) measures as per NSPS, 40 CFR 60, Appendix F [Consent Decree].

EQT0072 19AH-901, Refinery Flare No. 2

491	[40 CFR 60.102(a)(1)]	Total suspended particulate <= 1 kg/Mg (2.0 lb/ton) of coke burn-off, except as specified in 40 CFR 60.102(b). Subpart J. [40 CFR 60.102(a)(1)] Which Months: All Year Statistical Basis: None specified
492	[40 CFR 60.102(a)(2)]	Opacity <= 30 percent, except for one six-minute average opacity reading in any one hour period. Subpart J. [40 CFR 60.102(a)(2)] Which Months: All Year Statistical Basis: Six-minute average
493	[40 CFR 60.103(a)]	Carbon monoxide <= 500 ppmv (dry basis). Subpart J. [40 CFR 60.103(a)] Which Months: All Year Statistical Basis: One-hour average
494	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
495	[40 CFR 60.104(b)(1)]	Sulfur dioxide >= 90 % reduction; or Sulfur dioxide <= 50 ppmv, whichever is less stringent. Subpart J. [40 CFR 60.104(b)(1)] Which Months: All Year Statistical Basis: Seven-day rolling average
496	[40 CFR 60.104(b)(2)]	Sulfur dioxide <= 9.8 kg/Mg (20 lb/tom) of coke burn-off. Subpart J. [40 CFR 60.104(b)(2)] Which Months: All Year Statistical Basis: Seven-day rolling average

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EQT0072 19AH-901, Refinery Flare No. 2

497	[40 CFR 60.104(b)(3)]	Fresh feed to the FCCU: Sulfur <= 0.3 % by weight. Subpart J. [40 CFR 60.104(b)(3)] Which Months: All Year Statistical Basis: Seven-day rolling average
498	[40 CFR 60.105(a)(10)]	Oxygen monitored by continuous emission monitor (CEM) continuously at both the inlet and outlet of the sulfur dioxide control device (or the outlet only if specifically complying with the 50 ppmv standard). Subpart J. [40 CFR 60.105(a)(10)] Which Months: All Year Statistical Basis: None specified
499	[40 CFR 60.105(a)(12)]	Use the procedures in 40 CFR 60.105(a)(12)(i) and (ii) to evaluate the continuous monitoring systems under 40 CFR 60.105(a)(8), (a)(9), and (a)(10). Subpart J. [40 CFR 60.105(a)(12)]
500	[40 CFR 60.105(a)(1)]	Opacity monitored by continuous opacity monitor (COM) continuously. Subpart J. [40 CFR 60.105(a)(1)] Which Months: All Year Statistical Basis: None specified
501	[40 CFR 60.105(a)(2)]	Carbon monoxide monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.105(a)(2)(ii). Subpart J. [40 CFR 60.105(a)(2)] Which Months: All Year Statistical Basis: None specified
502	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
503	[40 CFR 60.105(a)(8)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously at both the inlet and outlet of the SO2 control device. Subpart J. [40 CFR 60.105(a)(8)] Which Months: All Year Statistical Basis: None specified
504	[40 CFR 60.105(a)(9)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Subpart J. [40 CFR 60.105(a)(9)] Which Months: All Year Statistical Basis: None specified
505	[40 CFR 60.105(c)]	Rc & operating hours recordkeeping by electronic or hard copy daily. Record the average coke burn-off rate (Mg (tons) per hour) and hours of operation. Subpart J. [40 CFR 60.105(c)]
506	[40 CFR 60.105(d)]	Fuel rate (liquid/solid) & operating hours recordkeeping by electronic or hard copy daily. Record the rate of combustion of liquid or solid fossil-fuels and the hours of operation during which liquid or solid fossil-fuels are combusted in the incinerator-waste heat boiler. Subpart J. [40 CFR 60.105(d)]
507	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
508	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
509	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
510	[40 CFR 60.107(a)]	Submit Notification: Due with the notification of initial startup required by 40 CFR 60.7(a)(3). Notify DEQ of the specific provisions of 40 CFR 60.104(b) with which seeking to comply. Subpart J. [40 CFR 60.107(a)]
511	[40 CFR 60.107(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.107(b)(1) through (b)(4), as applicable. Subpart J. [40 CFR 60.107(b)]
512	[40 CFR 60.107(c)]	Submit exceedance report: Due semiannually, except as specified in 40 CFR 60.107(d). Include the information specified in 40 CFR 60.107(c)(1) through (c)(6). Subpart J. [40 CFR 60.107(c)]
513	[40 CFR 60.108(d)]	After conducting the initial performance test prescribed under 40 CFR 60.8, conduct a performance test for each successive 24-hour period thereafter, according to the appropriate procedures specified under 40 CFR 60.106. Subpart J. [40 CFR 60.108(d)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0072 19AH-901, Refinery Flare No. 2

514	[40 CFR 60.18]	Compliance with all the applicable requirements of NESHAP, 40 CFR 63.11 has been determined to be compliance with all the applicable requirements in accordance with NSPS, 40 CFR 60.18 and 40 CFR 61 Subpart FF. [40 CFR 60.18, 40 CFR 61.349(a)(iii)]
515	[40 CFR 63.11(b)(1)]	Monitor flares to assure that they are operated and maintained in conformance with their designs. Subpart A. [40 CFR 63.11(b)(1)]
516	[40 CFR 63.11(b)(3)]	Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 63.11(b)(3)]
517	[40 CFR 63.11(b)(4)]	Design and operate for no visible emissions, as determined using Test Method 22 in Appendix A of 40 CFR 60, except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 63.11(b)(4)]
518	[40 CFR 63.11(b)(5)]	Operate with a flame present at all times. Subpart A. [40 CFR 63.11(b)(5)]
519	[40 CFR 63.11(b)(5)]	Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flame. Subpart A. [40 CFR 63.11(b)(5)] Which Months: All Year Statistical Basis: None specified
520	[40 CFR 63.11(b)(7)(iii)]	Exit Velocity < 400 ft/sec and Vmax, as determined by the method specified in 40 CFR 63.11(b)(7)(i). Determine Vmax using the method specified in 40 CFR 63.11(b)(7)(iii). Subpart A. [40 CFR 63.11(b)(7)(iii)] Which Months: All Year Statistical Basis: None specified
521	[40 CFR 63.643(a)(1)]	Meet the requirements of 40 CFR 63.11(b). Subpart CC. [40 CFR 63.643(a)(1)]
522	[40 CFR 63.644(a)(2)]	Presence of a flame monitored by the regulation's specified method(s) continuously. Use a device (including, but not limited to, a thermocouple, an ultraviolet bean sensor, or an infrared sensor) capable of continuously detecting the presence of a pilot flame. Subpart CC. [40 CFR 63.644(a)(2)] Which Months: All Year Statistical Basis: None specified
523	[40 CFR 63.654(i)(3)]	Equipment/operational data recordkeeping by recorder hourly. Keep the records specified in 40 CFR 63.654(i)(3)(i) through (i)(3)(v). Subpart CC. [40 CFR 63.654(i)(3)]
524	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified
525	[LAC 33:III.1105]	Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.
526	[LAC 33:III.1107]	Submit report: Due in writing to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, within seven calendar days after startup or shutdown, if flaring was not the result of failure to maintain or repair equipment. Submit report if requesting exemption from the provisions of LAC 33:III.1105. Explain the conditions and duration of the startup or shutdown and list the steps necessary to remedy, prevent and limit the excess emissions. Minimize flaring and ensure that no ambient air quality standards are jeopardized.
527	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0073 19F-3, Refinery Flare No. 1

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0073 19F-3, Refinery Flare No. 1

528	[40 CFR 63.11(b)(7)(iii)]	Exit Velocity < 400 ft/sec and Vmax, as determined by the method specified in 40 CFR 63.11(b)(7)(i). Determine Vmax using the method specified in 40 CFR 63.11(b)(7)(iii). Subpart A. [40 CFR 63.11(b)(7)(iii)] Which Months: All Year Statistical Basis: None specified
529	[LAC 33:III.501.C.6]	Develop a corrective action plan for re-lighting the flare. Plan must be kept readily available for immediate implementation in the event the flare needs to be re-lit.
530	[LAC 33:III.501.C.6]	Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack. Which Months: All Year Statistical Basis: None specified
531	[LAC 33:III.501.C.6]	Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf. Which Months: All Year Statistical Basis: None specified
532	[LAC 33:III.501.C.6]	Flare gas: Heat content recordkeeping by electronic or hard copy annually.
533	[LAC 33:III.501.C.6]	Presence of a flame recordkeeping by electronic or hard copy continuously.

EQT0074 19G-301, Refinery Flare No. 3

534	[40 CFR 60.102(a)(1)]	Total suspended particulate <= 1 kg/Mg (2.0 lb/ton) of coke burn-off, except as specified in 40 CFR 60.102(b). Subpart J. [40 CFR 60.102(a)(1)] Which Months: All Year Statistical Basis: None specified
535	[40 CFR 60.102(a)(2)]	Opacity <= 30 percent, except for one six-minute average opacity reading in any one hour period. Subpart J. [40 CFR 60.102(a)(2)] Which Months: All Year Statistical Basis: Six-minute average
536	[40 CFR 60.103(a)]	Carbon monoxide <= 500 ppmv (dry basis). Subpart J. [40 CFR 60.103(a)] Which Months: All Year Statistical Basis: None specified
537	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
538	[40 CFR 60.104(b)(1)]	Sulfur dioxide >= 90 % reduction; or Sulfur dioxide <= 50 ppmv, whichever is less stringent. Subpart J. [40 CFR 60.104(b)(1)] Which Months: All Year Statistical Basis: Seven-day rolling average
539	[40 CFR 60.104(b)(2)]	Sulfur dioxide <= 9.8 kg/Mg (20 lb/tom) of coke burn-off. Subpart J. [40 CFR 60.104(b)(2)] Which Months: All Year Statistical Basis: Seven-day rolling average
540	[40 CFR 60.104(b)(3)]	Fresh feed to the FCCU: Sulfur <= 0.3 % by weight. Subpart J. [40 CFR 60.104(b)(3)] Which Months: All Year Statistical Basis: Seven-day rolling average
541	[40 CFR 60.105(a)(10)]	Oxygen monitored by continuous emission monitor (CEM) continuously at both the inlet and outlet of the sulfur dioxide control device (or the outlet only if specifically complying with the 50 ppmv standard). Subpart J. [40 CFR 60.105(a)(10)] Which Months: All Year Statistical Basis: None specified
542	[40 CFR 60.105(a)(12)]	Use the procedures in 40 CFR 60.105(a)(12)(i) and (ii) to evaluate the continuous monitoring systems under 40 CFR 60.105(a)(8), (a)(9), and (a)(10). Subpart J. [40 CFR 60.105(a)(12)]
543	[40 CFR 60.105(a)(1)]	Opacity monitored by continuous opacity monitor (COM) continuously. Subpart J. [40 CFR 60.105(a)(1)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
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EQT0074 19G-301, Refinery Flare No. 3

544	[40 CFR 60.105(a)(2)]	Carbon monoxide monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.105(a)(2)(ii). Subpart J. [40 CFR 60.105(a)(2)] Which Months: All Year Statistical Basis: None specified
545	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
546	[40 CFR 60.105(a)(8)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously at both the inlet and outlet of the SO2 control device. Subpart J. [40 CFR 60.105(a)(8)] Which Months: All Year Statistical Basis: None specified
547	[40 CFR 60.105(a)(9)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Subpart J. [40 CFR 60.105(a)(9)] Which Months: All Year Statistical Basis: None specified
548	[40 CFR 60.105(c)]	Rc & operating hours recordkeeping by electronic or hard copy daily. Record the average coke burn-off rate (Mg (tons) per hour) and hours of operation. Subpart J. [40 CFR 60.105(c)]
549	[40 CFR 60.105(d)]	Fuel rate (liquid/solid) & operating hours recordkeeping by electronic or hard copy daily. Record the rate of combustion of liquid or solid fossil-fuels and the hours of operation during which liquid or solid fossil-fuels are combusted in the incinerator-waste heat boiler. Subpart J. [40 CFR 60.105(d)]
550	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
551	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
552	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
553	[40 CFR 60.107(a)]	Submit Notification: Due with the notification of initial startup required by 40 CFR 60.7(a)(3). Notify DEQ of the specific provisions of 40 CFR 60.104(b) with which seeking to comply. Subpart J. [40 CFR 60.107(a)]
554	[40 CFR 60.107(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.107(b)(1) through (b)(4), as applicable. Subpart J. [40 CFR 60.107(b)]
555	[40 CFR 60.107(c)]	Submit exceedance report: Due semiannually, except as specified in 40 CFR 60.107(d). Include the information specified in 40 CFR 60.107(c)(1) through (c)(6). Subpart J. [40 CFR 60.107(c)]
556	[40 CFR 60.108(d)]	After conducting the initial performance test prescribed under 40 CFR 60.8, conduct a performance test for each successive 24-hour period thereafter, according to the appropriate procedures specified under 40 CFR 60.106. Subpart J. [40 CFR 60.108(d)]
557	[40 CFR 60.18]	Compliance with all the applicable requirements of NESHAP, 40 CFR 63.11 has been determined to be compliance with all the applicable requirements in accordance with NSPS, 40 CFR 60.18 and 40 CFR 61 Subpart FF. [40 CFR 60.18, 40 CFR 61.349(a)(iii)]
558	[40 CFR 63.11(b)(1)]	Monitor flares to assure that they are operated and maintained in conformance with their designs. Subpart A. [40 CFR 63.11(b)(1)]
559	[40 CFR 63.11(b)(3)]	Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 63.11(b)(3)]
560	[40 CFR 63.11(b)(4)]	Design and operate for no visible emissions, as determined using Test Method 22 in Appendix A of 40 CFR 60, except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 63.11(b)(4)]
561	[40 CFR 63.11(b)(5)]	Operate with a flame present at all times. Subpart A. [40 CFR 63.11(b)(5)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
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EQT0074 19G-301, Refinery Flare No. 3

562	[40 CFR 63.11(b)(5)]	Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flame. Subpart A. [40 CFR 63.11(b)(5)] Which Months: All Year Statistical Basis: None specified
563	[40 CFR 63.11(b)(7)(iii)]	Exit Velocity < 400 ft/sec and Vmax, as determined by the method specified in 40 CFR 63.11(b)(7)(i). Determine Vmax using the method specified in 40 CFR 63.11(b)(7)(iii). Subpart A. [40 CFR 63.11(b)(7)(iii)] Which Months: All Year Statistical Basis: None specified
564	[40 CFR 63.643(a)(1)]	Meet the requirements of 40 CFR 63.11(b). Subpart CC. [40 CFR 63.643(a)(1)]
565	[40 CFR 63.644(a)(2)]	Presence of a flame monitored by the regulation's specified method(s) continuously. Use a device (including, but not limited to, a thermocouple, an ultraviolet bean sensor, or an infrared sensor) capable of continuously detecting the presence of a pilot flame. Subpart CC. [40 CFR 63.644(a)(2)] Which Months: All Year Statistical Basis: None specified
566	[40 CFR 63.654(i)(3)]	Equipment/operational data recordkeeping by recorder hourly. Keep the records specified in 40 CFR 63.654(i)(3)(i) through (i)(3)(v). Subpart CC. [40 CFR 63.654(i)(3)]
567	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified
568	[LAC 33:III.1105]	Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.
569	[LAC 33:III.1107]	Submit report: Due in writing to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, within seven calendar days after startup or shutdown, if flaring was not the result of failure to maintain or repair equipment. Submit report if requesting exemption from the provisions of LAC 33:III.1105. Explain the conditions and duration of the startup or shutdown and list the steps necessary to remedy, prevent and limit the excess emissions. Minimize flaring and ensure that no ambient air quality standards are jeopardized.
570	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0075 19G-302, Refinery Flare No. 4

571	[40 CFR 60.102(a)(1)]	Total suspended particulate <= 1 kg/Mg (2.0 lb/ton) of coke burn-off, except as specified in 40 CFR 60.102(b). Subpart J. [40 CFR 60.102(a)(1)] Which Months: All Year Statistical Basis: None specified
572	[40 CFR 60.102(a)(2)]	Opacity <= 30 percent, except for one six-minute average opacity reading in any one hour period. Subpart J. [40 CFR 60.102(a)(2)] Which Months: All Year Statistical Basis: Six-minute average
573	[40 CFR 60.103(a)]	Carbon monoxide <= 500 ppmv (dry basis). Subpart J. [40 CFR 60.103(a)] Which Months: All Year Statistical Basis: None specified
574	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0075 19G-302, Refinery Flare No. 4

575	[40 CFR 60.104(b)(1)]	Sulfur dioxide >= 90 % reduction; or Sulfur dioxide <= 50 ppmv, whichever is less stringent. Subpart J. [40 CFR 60.104(b)(1)] Which Months: All Year Statistical Basis: Seven-day rolling average
576	[40 CFR 60.104(b)(2)]	Sulfur dioxide <= 9.8 kg/Mg (20 lb/tom) of coke burn-off. Subpart J. [40 CFR 60.104(b)(2)] Which Months: All Year Statistical Basis: Seven-day rolling average
577	[40 CFR 60.104(b)(3)]	Fresh feed to the FCCU: Sulfur <= 0.3 % by weight. Subpart J. [40 CFR 60.104(b)(3)] Which Months: All Year Statistical Basis: Seven-day rolling average
578	[40 CFR 60.105(a)(10)]	Oxygen monitored by continuous emission monitor (CEM) continuously at both the inlet and outlet of the sulfur dioxide control device (or the outlet only if specifically complying with the 50 ppmv standard). Subpart J. [40 CFR 60.105(a)(10)] Which Months: All Year Statistical Basis: None specified
579	[40 CFR 60.105(a)(12)]	Use the procedures in 40 CFR 60.105(a)(12)(i) and (ii) to evaluate the continuous monitoring systems under 40 CFR 60.105(a)(8), (a)(9), and (a)(10). Subpart J. [40 CFR 60.105(a)(12)]
580	[40 CFR 60.105(a)(1)]	Opacity monitored by continuous opacity monitor (COM) continuously. Subpart J. [40 CFR 60.105(a)(1)] Which Months: All Year Statistical Basis: None specified
581	[40 CFR 60.105(a)(2)]	Carbon monoxide monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.105(a)(2)(ii). Subpart J. [40 CFR 60.105(a)(2)] Which Months: All Year Statistical Basis: None specified
582	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
583	[40 CFR 60.105(a)(8)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously at both the inlet and outlet of the SO2 control device. Subpart J. [40 CFR 60.105(a)(8)] Which Months: All Year Statistical Basis: None specified
584	[40 CFR 60.105(a)(9)]	Sulfur dioxide monitored by continuous emission monitor (CEM) continuously. Subpart J. [40 CFR 60.105(a)(9)] Which Months: All Year Statistical Basis: None specified
585	[40 CFR 60.105(c)]	Rc & operating hours recordkeeping by electronic or hard copy daily. Record the average coke burn-off rate (Mg (tons) per hour) and hours of operation. Subpart J. [40 CFR 60.105(c)]
586	[40 CFR 60.105(d)]	Fuel rate (liquid/solid) & operating hours recordkeeping by electronic or hard copy daily. Record the rate of combustion of liquid or solid fossil-fuels and the hours of operation during which liquid or solid fossil-fuels are combusted in the incinerator-waste heat boiler. Subpart J. [40 CFR 60.105(d)]
587	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
588	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
589	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
590	[40 CFR 60.107(a)]	Submit Notification: Due with the notification of initial startup required by 40 CFR 60.7(a)(3). Notify DEQ of the specific provisions of 40 CFR 60.104(b) with which seeking to comply. Subpart J. [40 CFR 60.107(a)]
591	[40 CFR 60.107(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.107(b)(1) through (b)(4), as applicable. Subpart J. [40 CFR 60.107(b)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
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EQT0075 19G-302, Refinery Flare No. 4

592	[40 CFR 60.107(c)]	Submit exceedance report: Due semiannually, except as specified in 40 CFR 60.107(d). Include the information specified in 40 CFR 60.107(c)(1) through (c)(6). Subpart J. [40 CFR 60.107(c)]
593	[40 CFR 60.108(d)]	After conducting the initial performance test prescribed under 40 CFR 60.8, conduct a performance test for each successive 24-hour period thereafter, according to the appropriate procedures specified under 40 CFR 60.106. Subpart J. [40 CFR 60.108(d)]
594	[40 CFR 60.18]	Compliance with all the applicable requirements of NESHAP, 40 CFR 63.11 has been determined to be compliance with all the applicable requirements in accordance with NSPS, 40 CFR 60.18 and 40 CFR 61 Subpart FF. [40 CFR 60.18, 40 CFR 61.349(a)(iii)]
595	[40 CFR 63.11(b)(1)]	Monitor flares to assure that they are operated and maintained in conformance with their designs. Subpart A. [40 CFR 63.11(b)(1)]
596	[40 CFR 63.11(b)(3)]	Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 63.11(b)(3)]
597	[40 CFR 63.11(b)(4)]	Design and operate for no visible emissions, as determined using Test Method 22 in Appendix A of 40 CFR 60, except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 63.11(b)(4)]
598	[40 CFR 63.11(b)(5)]	Operate with a flame present at all times. Subpart A. [40 CFR 63.11(b)(5)]
599	[40 CFR 63.11(b)(5)]	Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flame. Subpart A. [40 CFR 63.11(b)(5)] Which Months: All Year Statistical Basis: None specified
600	[40 CFR 63.11(b)(7)(iii)]	Exit Velocity < 400 ft/sec and Vmax, as determined by the method specified in 40 CFR 63.11(b)(7)(i). Determine Vmax using the method specified in 40 CFR 63.11(b)(7)(iii). Subpart A. [40 CFR 63.11(b)(7)(iii)] Which Months: All Year Statistical Basis: None specified
601	[40 CFR 63.643(a)(1)]	Meet the requirements of 40 CFR 63.11(b). Subpart CC. [40 CFR 63.643(a)(1)]
602	[40 CFR 63.644(a)(2)]	Presence of a flame monitored by the regulation's specified method(s) continuously. Use a device (including, but not limited to, a thermocouple, an ultraviolet bean sensor, or an infrared sensor) capable of continuously detecting the presence of a pilot flame. Subpart CC. [40 CFR 63.644(a)(2)] Which Months: All Year Statistical Basis: None specified
603	[40 CFR 63.654(i)(3)]	Equipment/operational data recordkeeping by recorder hourly. Keep the records specified in 40 CFR 63.654(i)(3)(i) through (i)(3)(v). Subpart CC. [40 CFR 63.654(i)(3)]
604	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified
605	[LAC 33:III.1105]	Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.
606	[LAC 33:III.1107]	Submit report: Due in writing to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, within seven calendar days after startup or shutdown, if flaring was not the result of failure to maintain or repair equipment. Submit report if requesting exemption from the provisions of LAC 33:III.1105. Explain the conditions and duration of the startup or shutdown and list the steps necessary to remedy, prevent and limit the excess emissions. Minimize flaring and ensure that no ambient air quality standards are jeopardized.
607	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, has been determined to be compliance with all the applicable requirements of LAC 33:III.Chapter 15.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
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EQT0076 HGU SU, HGU Start Up Flaring (Flares 1-4)

608	[40 CFR 60.13(d)(1)]	Recordkeeping: Equipment/operational data recordkeeping by continuous emission monitor (CEM) daily. Record and quantify the CEMS excess zero and span drift whenever specified. Subpart A. [40 CFR 60.13(d)(1)]
609	[40 CFR 60.13(d)]	West and East Side Fuel Gas (31C-801 and 35F-306): Continuous emission monitoring system (CEMS) shall be operated as per the manufacturers specifications and shall comply with all the applicable requirements of NSPS, 40 CFR 60, Subpart A and Appendix F.S □ Equipment/operational data monitored by continuous emission monitor (CEM) daily. Automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts of a CEMS in accordance with a written procedure at least once daily. Adjust the zero and span, as a minimum, whenever either the 24-hour zero drift or 24-hour span drift exceeds two times the limit of the applicable performance specification in Appendix B of 40 CFR 60. Subpart A. [40 CFR 60.13(d)]
610	[LAC 33:III.501.C.6]	Permittee shall show compliance with the emission limits, as specified in this specific condition, from the Flares 1-4, Emission 76, due to the maintenance, startup and shutdown activities of the Hydrogen Generating Unit (HGU) plant when the emissions are routed to these Flares 1-4. The permittee shall calculate the emissions based on each activity as referenced above. The total emissions shall not exceed for each pollutant, PM10, 0.03 tons per year (TPY); SO2, 12.09 TPY; NOx, 0.32 TPY; CO, 1.72 TPY; VOC, 0.65 TPY; and Hydrogen Sulfide, 0.03 TPY. All the activities shall be recorded along with the corresponding calculated emissions for each month, as well as the total calculated emissions based on the activities for the last twelve months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. The total calculated emissions based on the activities above the maximum listed in this permit as referenced above for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the activities and corresponding total calculated emissions for the last twelve months shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.

EQT0077 14H-101, HTU-2 Train 1 Charge Heater

611	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
612	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
613	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
614	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
615	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
616	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
617	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

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EQT0078 14H-201, HTU-2 Train 2 Charge Heater

618	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
619	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
620	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
621	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
622	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
623	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
624	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0079 14H-313, HTU-2 Stripper Reboiler

625	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
626	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
627	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
628	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
629	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
630	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
631	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0080 95H-101, HTU-3 Reactor Feed Heater

632	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average

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EQT0080 95H-101, HTU-3 Reactor Feed Heater

633	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
634	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
635	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
636	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
637	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
638	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0081 95H-102, HTU-3 Stripper Reboiler Heater

639	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
640	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
641	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
642	[40 CFR 60.107]	Shall comply with all the reporting and recordkeeping requirements of NSPS 40 CFR 60.107. Subpart J.
643	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
644	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
645	[LAC 33:III.1503.C]	Compliance with all the applicable requirements of NSPS, 40 CFR 60.104 - Standards for Sulfur oxides, is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15.

EQT0082 LPG TRK RK, Liquid Petroleum Gas (LPG) Truck Rack

646	[LAC 33:III.2107.B]	Equip with a vapor collection system consisting of, at a minimum, a vapor return line which returns all vapors displaced during loading to the VOC dispensing vessel or to a disposal system.

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EQT0082 LPG TRK RK, Liquid Petroleum Gas (LPG) Truck Rack

647	[LAC 33:III.2107.B]	Prevent spills during the attachment and disconnection of filling lines or arms. Equip loading and vapor lines with fittings which close automatically when disconnected, or equip to permit residual VOC in the loading line to discharge into a collection system or disposal or recycling system.
648	[LAC 33:III.2107.B]	VOC, Total >= 90 % DRE, using a vapor disposal system. Which Months: All Year Statistical Basis: None specified
649	[LAC 33:III.2107.C]	Discontinue loading or unloading through the affected transfer lines when a leak is observed; do not resume loading or unloading until the observed leak is repaired.
650	[LAC 33:III.2107.C]	VOC, Total monitored by visual, audible, and/or olfactory during loading or unloading, to detect leaks. Which Months: All Year Statistical Basis: None specified
651	[LAC 33:III.2107.D]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2107.D.1 and 2.
652	[LAC 33:III.2107.E]	Determine compliance with LAC 33:III.2107.B using the methods in LAC 33:III.2107.E.1 through 5, as appropriate.
653	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0083 PAINT, Painting

654	[LAC 33:III.2123.F]	Maintenance Operations: Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F.3 to verify exemption from LAC 33:III.2123. Maintain records for at least two years.

EQT0084 30D-301, Emergency Generator (NE Corner HGU)

655	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
656	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
657	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0085 30D-302, Emergency Generator (S of ARU-3 and Plant 10)

658	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

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EQT0085 30D-302, Emergency Generator (S of ARU-3 and Plant 10)

659	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
660	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0086 32G-15, Dock No. 1 - Firewater Pump

661	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
662	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
663	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0087 33G-3, Firewater Diesel Engine

664	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
665	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
666	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0088 33G-4, Wharf No. 2 Firewater Diesel Engine

667	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

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EQT0088 33G-4, Wharf No. 2 Firewater Diesel Engine

668 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

669 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0089 33G-5, Wharf No. 1 Firewater Diesel Engine

670 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified

671 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

672 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0090 33P-301, Firewater Diesel Engine

673 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified

674 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

675 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0091 37P-407, API-2 Diesel Pump

676 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified

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EQT0091 37P-407, API-2 Diesel Pump

677	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
678	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
679	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0093 RC RACK, Rail Car Loading/Unloading Rack

680	[LAC 33:III.2107.B]	Equip with a vapor collection system consisting of, at a minimum, a vapor return line which returns all vapors displaced during loading to the VOC dispensing vessel or to a disposal system.
681	[LAC 33:III.2107.B]	Prevent spills during the attachment and disconnection of filling lines or arms. Equip loading and vapor lines with fittings which close automatically when disconnected, or equip to permit residual VOC in the loading line to discharge into a collection system or disposal or recycling system.
682	[LAC 33:III.2107.B]	VOC, Total >= 90 % DRE, using a vapor disposal system. Which Months: All Year Statistical Basis: None specified
683	[LAC 33:III.2107.C]	Discontinue loading or unloading through the affected transfer lines when a leak is observed; do not resume loading or unloading until the observed leak is repaired.
684	[LAC 33:III.2107.C]	VOC, Total monitored by visual, audible, and/or olfactory during loading or unloading, to detect leaks. Which Months: All Year Statistical Basis: None specified
685	[LAC 33:III.2107.D]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2107.D.1 and 2.
686	[LAC 33:III.2107.E]	Determine compliance with LAC 33:III.2107.B using the methods in LAC 33:III.2107.E.1 through 5, as appropriate.
687	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0094 S TRK LDG, Sulfur Truck Loading

688	[LAC 33:III.1305]	Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
689	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
690	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

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EQT0095 TK CLNG, Tank Cleaning

691 [LAC 33:III.501.C.6]

Annual Maximum Limits and the Five Year Maximum Limits not to be exceededh

POLLUTANT	ANNUAL MAX. (TPY)	5 YR. MAX. ROLLING MAXIMUM (TONS)□
2,24-Trimethylpentane	4.15	6.23 h
Ammonia	1.37	3.61□
Benzene	2.39	5.64□
Biphenyl	0.01	0.01□
Cumene	0.04	0.081
Ethylbenzene	0.52	1.35L
Hydrogen Sulfide	11.30	26.74 □
n-Hexane	3.17	9.10d
Methanol	0.82	1.34□
MTBE	0.17	0.34□
Naphthalenes	0.04	0.095
Styrene	0.02	0.07□
Toluene	4.29	10.467
Xylene	2.41	6.42□

□

692 [LAC 33:III.501.C.6]

During the cleaning operations the faciity shall comply with all the applicable federal and state requirements and regulations for all tanks taken out of service for cleaning.

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EQT0095 TK CLNG, Tank Cleaning

693 [LAC 33:III.501.C.6]

Permittee shall comply with the tank cleaning (includes emptying and refilling) emission limits of this permit by maintaining the total calculated VOC emissions, Emission Point TK CLNG, based on the number of tanks cleaned per year to no more than 166.90 tons per year and a five year rolling maximum to no more than 366.60 tons. The overall VOC emissions shall be calculated based on the number of tanks cleaned each month, as well as the VOC emissions calculated for all the tanks cleaned for the last twelve months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall calculated VOC emissions based on the number of tanks cleaned above the maximum listed in this specific condition for any twelve consecutive month period and for five year rolling maximum shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the overall calculated VOC emissions based on the number of tanks cleaned shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.□
□
The compliance limits shall be calculated using the following equations:□
If i-y >= 5 Use Equation No. 1 (EQ1)o
If i-y < 5 Use Equation No. 2 (EQ2)T
Where i= Most recent calendar year and y = The year original Part 70 permit was issued□
□
i□
EQ1 Summation Xi/5 <= 5 year rolling maximum in the permit□
i-4□
□
i□
EQ2 Summation Xi/5 <= 5 year rolling maximum in the permit□
y□
□
Where Xi = Actual Annual Emissions in year I (tons/yr) for all tank cleaning incidences in that yearo

EQT0096 16T-302, Storage Tank

694 [LAC 33:III.5109.A]

Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0098 18D-1, Storage Tank

695 [40 CFR 60.112b(a)(1)(i)]

Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0098 18D-1, Storage Tank

696 [40 CFR 60.112b(a)(1)(ii)(C)] Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]

697 [40 CFR 60.112b(a)(1)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

698 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
Which Months: All Year Statistical Basis: None specified

699 [40 CFR 60.113b(a)(4)] If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]

700 [40 CFR 60.113b(a)(4)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
Which Months: All Year Statistical Basis: None specified

701 [40 CFR 60.113b(a)(5)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0098 18D-1, Storage Tank

702	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
703	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
704	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
705	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
706	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
707	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
708	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
709	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
710	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
711	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) has been determined to be compliance with all the applicable requirements in accordance with NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
712	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]
713	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
714	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
715	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0098 18D-1, Storage Tank

716	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
717	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0099 18D-102, Storage Tank

718	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0100 18D-19, Light Slop/Sour Water Tank

719	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
720	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
721	[LAC 33:III.2103.E.1]	VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
722	[LAC 33:III.2103.E]	Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
723	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
724	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
725	[LAC 33:III.5109.A.2]	Compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart CC and LAC 33:III.2103 has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT0101 18D-2, Storage Tank

726	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0101 18D-2, Storage Tank

727 [40 CFR 60.112b(a)(1)(ii)(C)] Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]

728 [40 CFR 60.112b(a)(1)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

729 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
Which Months: All Year Statistical Basis: None specified

730 [40 CFR 60.113b(a)(4)] If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]

731 [40 CFR 60.113b(a)(4)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
Which Months: All Year Statistical Basis: None specified

732 [40 CFR 60.113b(a)(5)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0101 18D-2, Storage Tank

733	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
734	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
735	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
736	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
737	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
738	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
739	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
740	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
741	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
742	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) is considered compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
743	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]
744	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
745	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
746	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
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EQT0101 18D-2, Storage Tank

747	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
748	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0102 18D-8, Storage Tank

749	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
750	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0103 18T-8, Storage Tank

751	[LAC 33:III.5109.A.2]	Compliance with all the applicable requirements of 40 CFR 61, Subpart FF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT0104 20AT-901, Storage Tank

752	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
753	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
754	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
755	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
756	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
757	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
758	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
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EQT0104 20AT-901, Storage Tank

759	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
760	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
761	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
762	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
763	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
764	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
765	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
766	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
767	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
768	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
769	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
770	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
771	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
772	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
773	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]

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774	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
775	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
776	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
777	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
778	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
779	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
780	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
781	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
782	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
783	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
784	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
785	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
786	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
787	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
788	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
789	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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790	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
791	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
792	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
793	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
794	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
795	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
796	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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797	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
798	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
799	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
800	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
801	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
802	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified

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803	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
804	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
805	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
806	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
807	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
808	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
809	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
810	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
811	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
812	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
813	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
814	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
815	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
816	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
817	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]

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818	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
819	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
820	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
821	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
822	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
823	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
824	[LAC 33:III.2103.B]	Equip with a submerged fill.pipe.
825	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
826	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
827	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
828	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
829	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
830	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
831	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
832	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
833	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
834	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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835	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
836	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
837	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
838	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
839	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
840	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
841	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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842	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
843	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
844	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
845	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
846	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
847	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified

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848	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
849	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
850	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
851	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
852	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
853	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
854	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
855	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
856	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
857	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
858	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
859	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
860	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
861	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
862	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]

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Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0106 20AT-903, Storage Tank

863	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
864	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
865	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
866	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
867	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
868	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
869	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
870	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
871	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
872	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
873	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
874	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
875	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
876	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
877	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
878	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
879	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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880	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
881	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
882	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
883	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
884	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
885	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
886	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0107 20AT-904, Storage Tank

887	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
888	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
889	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
890	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
891	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]

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EQT0107 20AT-904, Storage Tank

892	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
893	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
894	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
895	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
896	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
897	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
898	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
899	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)].
900	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
901	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
902	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
903	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]

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EQT0107 20AT-904, Storage Tank

904	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
905	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
906	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
907	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
908	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
909	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
910	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0108 20AT-905, Storage Tank

911	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
912	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
913	[LAC 33:III.5109.A]	Compliance with NESHAP 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.

EQT0109 20AT-907, Storage Tank

914	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
915	[40 CFR 60.112b(a)(1)(ii)(C)]	Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]

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EQT0109 20AT-907, Storage Tank

916	[40 CFR 60.112b(a)(1)]	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
917	[40 CFR 60.113b(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)] Which Months: All Year Statistical Basis: None specified
918	[40 CFR 60.113b(a)(4)]	If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
919	[40 CFR 60.113b(a)(4)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
920	[40 CFR 60.113b(a)(5)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
921	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]

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922	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
923	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
924	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
925	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
926	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
927	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
928	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
929	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
930	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) has been determined to be compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
931	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]
932	[40 CFR 63.647]	Compliance with the requirements of NESHAP, Subpart FF, 40 CFR 63.340 has been determined to be compliance with all the requirements of NESHAP, Subpart CC.
933	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
934	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
935	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
936	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

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937	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0110 20D-1, Storage Tank

938	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
939	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
940	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
941	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
942	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
943	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
944	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
945	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
946	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
947	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
948	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
949	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
950	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]

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EQT0110 20D-1, Storage Tank

951	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
952	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
953	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
954	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
955	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
956	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
957	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
958	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
959	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
960	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
961	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
962	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
963	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
964	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
965	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
966	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.

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967	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
968	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
969	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
970	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
971	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
972	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
973	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
974	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
975	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
976	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
977	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
978	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
979	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
980	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
981	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0111 20D-10, Storage Tank

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EQT0111 20D-10, Storage Tank

982	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
983	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
984	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
985	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
986	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
987	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
988	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
989	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
990	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
991	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
992	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
993	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
994	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
995	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]

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996	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
997	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
998	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
999	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1000	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1001	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1002	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1003	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1004	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1005	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1006	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1007	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
1008	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1009	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1010	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1011	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1012	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified

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1013	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1014	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1015	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1016	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1017	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1018	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1019	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1020	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1021	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1022	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1023	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1024	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1025	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0112 20D-102, Storage Tank

1026	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]

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EQT0112 20D-102, Storage Tank

1027	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
1028	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
1029	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
1030	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
1031	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
1032	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
1033	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
1034	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
1035	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
1036	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
1037	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1038	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]

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EQT0112 20D-102, Storage Tank

1039	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1040	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1041	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1042	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1043	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1044	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
1045	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1046	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
1047	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1048	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1049	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0113 20D-12, Storage Tank

1050	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1051	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1052	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1053	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]

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EQT0113 20D-12, Storage Tank

1054	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1055	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1056	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1057	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1058	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1059	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1060	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1061	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1062	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1063	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1064	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1065	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1066	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1067	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1068	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.

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EQT0113 20D-12, Storage Tank

1069	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1070	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1071	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1072	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1073	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1074	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1075	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1076	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1077	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1078	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1079	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1080	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1081	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1082	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1083	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1084	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1085	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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EQT0113 20D-12, Storage Tank

1086	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1087	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1088	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1089	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1090	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1091	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1092	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0114 20D-13, Storage Tank

1093	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1094	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0115 20D-14, Storage Tank

1095	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1096	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0116 20D-15, Storage Tank

SPECIFIC REQUIREMENTS

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EQT0116 20D-15, Storage Tank

1097	[40 CFR 60.112b(a)(2)(ii)]	Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
1098	[40 CFR 60.112b(a)(2)(iii)]	The roof shall be floating on the liquid at all times except during the initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg suppots shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)(iii)]
1099	[40 CFR 60.112b(a)(2)]	Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
1100	[40 CFR 60.113b(b)(1)(i)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)] Which Months: All Year Statistical Basis: None specified
1101	[40 CFR 60.113b(b)(4)(i)(A)]	One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]
1102	[40 CFR 60.113b(b)(4)(i)(B)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
1103	[40 CFR 60.113b(b)(4)(i)]	Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
1104	[40 CFR 60.113b(b)(4)(i)]	Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
1105	[40 CFR 60.113b(b)(4)(ii)(A)]	Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
1106	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified

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1107	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
1108	[40 CFR 60.113b(b)(4)]	Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
1109	[40 CFR 60.113b(b)(5)]	Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
1110	[40 CFR 60.113b(b)(6)(i)]	If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]
1111	[40 CFR 60.113b(b)(6)(ii)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
1112	[40 CFR 60.113b(b)(6)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)] Which Months: All Year Statistical Basis: None specified
1113	[40 CFR 60.115b(b)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
1114	[40 CFR 60.115b(b)(2)]	Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]
1115	[40 CFR 60.115b(b)(3)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
1116	[40 CFR 60.115b(b)(4)]	Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
1117	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

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EQT0116 20D-15, Storage Tank

1118	[40 CFR 63.640(n)(1)]	Overlap of NESHAP, 40 CFR 63, Subpart CC: Group 1 or Group 2 vessels that is part of an existing source and is also subject to the requirements of NSPS, 40 CFR 60, Subpart Kb shall comply with NSPS, Subpart Kb requirements, except as provided in 40 CFR 63.640(n)(8), and with all the applicable requirements of 40 CFR 63.642 and 40 CFR 63.654. Subpart CC. [40 CFR 63.640(n)(1)]
1119	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1120	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1121	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1122	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1123	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1124	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1125	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1126	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1127	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1128	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1129	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1130	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1131	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1132	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1133	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.

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1134	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1135	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1136	[LAC 33:III.5109.A.2]	Compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT0117 20D-16, Storage Tank

1137	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1138	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0118 20D-17, Storage Tank

1139	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1140	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

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1141	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
1142	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
1143	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
1144	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]

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1145	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
1146	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
1147	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
1148	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
1149	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
1150	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
1151	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
1152	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1153	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1154	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1155	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1156	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]

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1157	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1158	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1159	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
1160	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1161	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
1162	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1163	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1164	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0120 20D-19, Storage Tank

1165	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
1166	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
1167	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
1168	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
1169	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
1170	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]

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1171	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
1172	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
1173	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
1174	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
1175	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
1176	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1177	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1178	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1179	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1180	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1181	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1182	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1183	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
1184	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.

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1185	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
1186	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1187	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1188	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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1189	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1190	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1191	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1192	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1193	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1194	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1195	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1196	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1197	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1198	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]

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1199	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1200	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1201	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1202	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1203	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1204	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1205	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1206	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1207	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1208	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1209	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1210	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1211	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1212	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1213	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1214	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0121 20D-2, Storage Tank

1215	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1216	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1217	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1218	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1219	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1220	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1221	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1222	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1223	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1224	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1225	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1226	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1227	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1228	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1229	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1230	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1231	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0121 20D-2, Storage Tank

1232	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0122 20D-20, Storage Tank

1233	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
1234	[40 CFR 60.112b(a)(1)(ii)(C)]	Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]
1235	[40 CFR 60.112b(a)(1)(iii) - (i	Shall comply wit all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1), Subpart Kb. [40 CFR 60.112b(a)(1)(iii) - (ix)]
1236	[40 CFR 60.112b(a)(1)]	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
1237	[40 CFR 60.113b(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)] Which Months: All Year Statistical Basis: None specified
1238	[40 CFR 60.113b(a)(3)(i)]	Tank roof and seals monitored by visual inspection/determination once every five years as specified in 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.113b(a)(3)(i)] Which Months: All Year Statistical Basis: None specified
1239	[40 CFR 60.113b(a)(3)(ii)]	Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(ii)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0122 20D-20, Storage Tank

1240	[40 CFR 60.113b(a)(4)]	If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
1241	[40 CFR 60.113b(a)(4)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
1242	[40 CFR 60.113b(a)(5)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
1243	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
1244	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
1245	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
1246	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
1247	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0122 20D-20, Storage Tank

1248	[40 CFR 63.640(n)(1)]	Overlap of NESHAP, 40 CFR 63, Subpart CC: Group 1 or Group 2 vessels that is part of an existing source and is also subject to the requirements of NSPS, 40 CFR 60, Subpart Kb shall comply with NSPS, Subpart Kb requirements, except as provided in 40 CFR 63.640(n)(8), and with all the applicable requirements of 40 CFR 63.642 and 40 CFR 63.654. Subpart CC. [40 CFR 63.640(n)(1)]
1249	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1250	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
1251	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1252	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1253	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0123 20D-21, Storage Tank

1254	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
1255	[40 CFR 60.112b(a)(1)(ii)(C)]	Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]
1256	[40 CFR 60.112b(a)(1)(iii) - (i	Shall comply wit all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1), Subpart Kb. [40 CFR 60.112b(a)(1)(iii) - (ix)]
1257	[40 CFR 60.112b(a)(1)]	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0123 20D-21, Storage Tank

1258	[40 CFR 60.113b(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)] Which Months: All Year Statistical Basis: None specified
1259	[40 CFR 60.113b(a)(3)(i)]	Tank roof and seals monitored by visual inspection/determination once every five years as specified in 40 CFR 60.113b(a)(4). Subpart Kb. [40 CFR 60.113b(a)(3)(i)] Which Months: All Year Statistical Basis: None specified
1260	[40 CFR 60.113b(a)(3)(ii)]	Tank roof and seals monitored by visual inspection/determination annually as specified in 40 CFR 60.113b(a)(2). Subpart Kb. [40 CFR 60.113b(a)(3)(ii)] Which Months: All Year Statistical Basis: None specified
1261	[40 CFR 60.113b(a)(4)]	If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
1262	[40 CFR 60.113b(a)(4)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
1263	[40 CFR 60.113b(a)(5)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
1264	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
1265	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0123 20D-21, Storage Tank

1266	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
1267	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
1268	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
1269	[40 CFR 63.640(n)(1)]	Overlap of NESHAP, 40 CFR 63, Subpart CC: Group 1 or Group 2 vessels that is part of an existing source and is also subject to the requirements of NSPS, 40 CFR 60, Subpart Kb shall comply with NSPS, Subpart Kb requirements, except as provided in 40 CFR 63.640(n)(8), and with all the applicable requirements of 40 CFR 63.642 and 40 CFR 63.654. Subpart CC. [40 CFR 63.640(n)(1)]
1270	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1271	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
1272	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1273	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1274	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0124 20D-23, Storage Tank

1275	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1276	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1277	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1278	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]

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1279	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1280	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1281	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1282	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1283	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1284	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1285	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1286	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1287	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1288	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1289	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1290	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1291	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1292	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1293	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.

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1294	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1295	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1296	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1297	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1298	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1299	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1300	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1301	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1302	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1303	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1304	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1305	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1306	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1307	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1308	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1309	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1310	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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1311	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1312	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1313	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1314	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1315	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1316	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1317	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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1318	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1319	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1320	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1321	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1322	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1323	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]

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1324	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1325	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1326	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1327	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1328	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1329	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1330	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1331	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1332	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1333	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1334	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1335	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1336	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1337	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1338	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]

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1339	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1340	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1341	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1342	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1343	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1344	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1345	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1346	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1347	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1348	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1349	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1350	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1351	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1352	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1353	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1354	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.

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1355	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1356	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1357	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1358	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1359	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1360	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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1361	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1362	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1363	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1364	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1365	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1366	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1367	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1368	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]

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1369	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1370	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1371	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1372	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1373	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1374	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1375	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1376	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1377	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1378	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1379	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1380	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1381	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1382	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1383	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]

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1384	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1385	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1386	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1387	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1388	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1389	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1390	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1391	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1392	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1393	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1394	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1395	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1396	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1397	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1398	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.

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1399	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1400	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1401	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1402	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1403	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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1404	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1405	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1406	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1407	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1408	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1409	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1410	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1411	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1412	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]

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1413	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1414	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1415	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1416	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1417	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1418	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1419	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1420	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1421	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1422	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1423	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1424	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1425	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1426	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1427	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1428	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]

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1429	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1430	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1431	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1432	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1433	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1434	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1435	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1436	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1437	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1438	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1439	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1440	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1441	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1442	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1443	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1444	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1445	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

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1446	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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1447	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1448	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1449	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1450	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1451	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1452	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1453	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1454	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1455	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1456	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1457	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1458	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1459	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]

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1460	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1461	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1462	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1463	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1464	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1465	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1466	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1467	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1468	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1469	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1470	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1471	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1472	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1473	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1474	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1475	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

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EQT0128 20D-27, Storage Tank

1476	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1477	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1478	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1479	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1480	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1481	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1482	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1483	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1484	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1485	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1486	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1487	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1488	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1489	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0129 20D-28, Storage Tank

SPECIFIC REQUIREMENTS

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Air - Title V Regular Permit Renewal

EQT0129 20D-28, Storage Tank

1490	[40 CFR 60.112b(a)(2)(ii)]	Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
1491	[40 CFR 60.112b(a)(2)(iii)]	The roof shall be floating on the liquid at all times except during the initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg suppots shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)(iii)]
1492	[40 CFR 60.112b(a)(2)]	Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
1493	[40 CFR 60.113b(b)(1)(i)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)] Which Months: All Year Statistical Basis: None specified
1494	[40 CFR 60.113b(b)(4)(i)(A)]	One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]
1495	[40 CFR 60.113b(b)(4)(i)(B)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
1496	[40 CFR 60.113b(b)(4)(i)]	Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
1497	[40 CFR 60.113b(b)(4)(i)]	Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
1498	[40 CFR 60.113b(b)(4)(ii)(A)]	Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
1499	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified

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EQT0129 20D-28, Storage Tank

1500	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
1501	[40 CFR 60.113b(b)(4)]	Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
1502	[40 CFR 60.113b(b)(5)]	Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
1503	[40 CFR 60.113b(b)(6)(i)]	If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]
1504	[40 CFR 60.113b(b)(6)(ii)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
1505	[40 CFR 60.113b(b)(6)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)] Which Months: All Year Statistical Basis: None specified
1506	[40 CFR 60.115b(b)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
1507	[40 CFR 60.115b(b)(2)]	Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]
1508	[40 CFR 60.115b(b)(3)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
1509	[40 CFR 60.115b(b)(4)]	Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
1510	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

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1511	[40 CFR 63.640(n)(1)]	Overlap of NESHAP, 40 CFR 63, Subpart CC: Group 1 or Group 2 vessels that is part of an existing source and is also subject to the requirements of NSPS, 40 CFR 60, Subpart Kb shall comply with NSPS, Subpart Kb requirements, except as provided in 40 CFR 63.640(n)(8), and with all the applicable requirements of 40 CFR 63.642 and 40 CFR 63.654. Subpart CC. [40 CFR 63.640(n)(1)]
1512	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1513	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1514	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1515	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1516	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1517	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1518	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1519	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1520	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1521	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1522	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1523	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1524	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1525	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1526	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.

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1527	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1528	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1529	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0130 20D-29, Storage Tank

1530	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1531	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1532	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1533	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1534	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1535	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1536	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1537	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1538	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1539	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1540	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1541	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]

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1542	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1543	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1544	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1545	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1546	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1547	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1548	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1549	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1550	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1551	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1552	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1553	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1554	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1555	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1556	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1557	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.

SPECIFIC REQUIREMENTS

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EQT0130 20D-29, Storage Tank

1558	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1559	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1560	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1561	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1562	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1563	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1564	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1565	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1566	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1567	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1568	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1569	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1570	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1571	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1572	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0131 20D-3, Storage Tank

SPECIFIC REQUIREMENTS

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EQT0131 20D-3, Storage Tank

1573	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1574	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1575	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1576	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1577	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1578	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1579	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1580	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1581	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1582	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1583	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1584	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1585	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1586	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]

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EQT0131 20D-3, Storage Tank

1587	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1588	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1589	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1590	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1591	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1592	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1593	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1594	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1595	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1596	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1597	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1598	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
1599	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1600	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1601	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1602	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1603	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified

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1604	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1605	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1606	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1607	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1608	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1609	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1610	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1611	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1612	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1613	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1614	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1615	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1616	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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1617	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1618	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]

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1619	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1620	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1621	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1622	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1623	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1624	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1625	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1626	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1627	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1628	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1629	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1630	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1631	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1632	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]

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1633	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1634	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1635	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1636	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1637	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1638	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1639	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1640	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1641	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1642	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1643	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1644	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1645	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1646	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1647	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1648	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1649	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified

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EQT0132 20D-30, Storage Tank

1650	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1651	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1652	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1653	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1654	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1655	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1656	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1657	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1658	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1659	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0133 20D-31, Storage Tank

1660	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1661	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0134 20D-32, Storage Tank

1662	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]

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EQT0134 20D-32, Storage Tank

1663	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0135 20D-33, Storage Tank

1664	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1665	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0136 20D-34, Storage Tank

1666	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
1667	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
1668	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
1669	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
1670	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
1671	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
1672	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]

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EQT0136 20D-34, Storage Tank

1673	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
1674	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
1675	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
1676	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
1677	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1678	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1679	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1680	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1681	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1682	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1683	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1684	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
1685	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1686	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
1687	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

SPECIFIC REQUIREMENTS

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EQT0136 20D-34, Storage Tank

1688	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1689	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0138 20D-36, Storage Tank

1690	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
1691	[40 CFR 60.112b(a)(1)(ii)(C)]	Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]
1692	[40 CFR 60.112b(a)(1)]	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
1693	[40 CFR 60.113b(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)] Which Months: All Year Statistical Basis: None specified
1694	[40 CFR 60.113b(a)(4)]	If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]

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EQT0138 20D-36, Storage Tank

1695	[40 CFR 60.113b(a)(4)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
1696	[40 CFR 60.113b(a)(5)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
1697	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
1698	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
1699	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
1700	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
1701	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
1702	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
1703	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
1704	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]

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EQT0138 20D-36, Storage Tank

1705	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
1706	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) is considered compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
1707	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]
1708	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1709	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
1710	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1711	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1712	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0141 20D-4, Storage Tank

1713	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1714	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1715	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1716	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1717	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1718	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1719	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
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EQT0141 20D-4, Storage Tank

1720	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1721	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1722	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1723	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1724	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1725	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1726	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1727	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1728	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1729	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1730	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1731	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1732	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1733	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1734	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]

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1735	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1736	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1737	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1738	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
1739	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1740	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1741	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1742	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1743	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1744	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1745	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1746	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1747	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1748	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1749	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1750	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.

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1751	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1752	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1753	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1754	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1755	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1756	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0142 20D-40, Storage Tank

1757	[40 CFR 60.112b(a)(2)(ii)]	Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
1758	[40 CFR 60.112b(a)(2)(iii)]	The roof shall be floating on the liquid at all times except during the initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg suppots shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)(iii)]
1759	[40 CFR 60.112b(a)(2)]	Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
1760	[40 CFR 60.113b(b)(1)(i)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)] Which Months: All Year Statistical Basis: None specified

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1761	[40 CFR 60.113b(b)(4)(i)(A)]	One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]
1762	[40 CFR 60.113b(b)(4)(i)(B)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
1763	[40 CFR 60.113b(b)(4)(i)]	Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
1764	[40 CFR 60.113b(b)(4)(i)]	Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
1765	[40 CFR 60.113b(b)(4)(ii)(A)]	Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
1766	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
1767	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
1768	[40 CFR 60.113b(b)(4)]	Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
1769	[40 CFR 60.113b(b)(5)]	Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
1770	[40 CFR 60.113b(b)(6)(i)]	If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]
1771	[40 CFR 60.113b(b)(6)(ii)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
1772	[40 CFR 60.113b(b)(6)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)] Which Months: All Year Statistical Basis: None specified
1773	[40 CFR 60.115b(b)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]

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1774	[40 CFR 60.115b(b)(2)]	Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]
1775	[40 CFR 60.115b(b)(3)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
1776	[40 CFR 60.115b(b)(4)]	Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
1777	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
1778	[40 CFR 63.640(n)(1)]	Overlap of NESHAP, 40 CFR 63, Subpart CC: Group 1 or Group 2 vessels that is part of an existing source and is also subject to the requirements of NSPS, 40 CFR 60, Subpart Kb shall comply with NSPS, Subpart Kb requirements, except as provided in 40 CFR 63.640(n)(8), and with all the applicable requirements of 40 CFR 63.642 and 40 CFR 63.654. Subpart CC. [40 CFR 63.640(n)(1)]
1779	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1780	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1781	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1782	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1783	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1784	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1785	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1786	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1787	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1788	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified

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1789	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1790	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1791	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1792	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1793	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1794	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1795	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1796	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0143 20D-42, Storage Tank

1797	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1798	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
1799	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1800	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1801	[LAC 33:III.5109.A.2]	Compliance with all the applicable requirements of LAC 33:III.2103 has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT0145 20D-44, Storage Tank

SPECIFIC REQUIREMENTS

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EQT0145 20D-44, Storage Tank

1802	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1803	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
1804	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1805	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1806	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0146 20D-45, Storage Tank

1807	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1808	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0147 20D-46, Storage Tank

1809	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(iv)]. □ . [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1810	[LAC 33:III.5109.A]	Compliance with NESHAP 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.

EQT0148 20D-47, Storage Tank

1811	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

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EQT0148 20D-47, Storage Tank

1812 [40 CFR 60.112b(a)(1)(ii)(C)] Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]

1813 [40 CFR 60.112b(a)(1)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

1814 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
Which Months: All Year Statistical Basis: None specified

1815 [40 CFR 60.113b(a)(4)] If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]

1816 [40 CFR 60.113b(a)(4)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
Which Months: All Year Statistical Basis: None specified

1817 [40 CFR 60.113b(a)(5)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]

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EQT0148 20D-47, Storage Tank

1818	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
1819	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
1820	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
1821	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
1822	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
1823	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
1824	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
1825	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
1826	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
1827	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) is considered compliance with all the applicable requirements of NESHAP; 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
1828	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]
1829	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1830	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
1831	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

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1832	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1833	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0149 20D-49, Storage Tank

1834	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1835	[LAC 33:III.5109.A]	Compliance with NESHAP 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.

EQT0150 20D-5, Storage Tank

1836	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1837	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1838	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1839	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1840	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1841	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1842	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1843	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]

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EQT0150 20D-5, Storage Tank

1844	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1845	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1846	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1847	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1848	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1849	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1850	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1851	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1852	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1853	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1854	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1855	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1856	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1857	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1858	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]

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EQT0150 20D-5, Storage Tank

1859	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1860	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1861	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1862	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1863	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1864	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1865	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1866	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1867	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1868	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1869	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1870	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1871	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1872	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1873	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.

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1874	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1875	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1876	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1877	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1878	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0151 20D-51, Storage Tank

1879	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1880	[LAC 33:III.5109.A.2]	Compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.
1881	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0152 20D-52, Storage Tank

1882	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1883	[LAC 33:III.5109.A.2]	Compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.
1884	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0153 20D-53, Storage Tank

1885	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]

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EQT0153 20D-53, Storage Tank

1886	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1887	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1888	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0154 20D-54, Storage Tank

1889	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1890	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1891	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1892	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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1893	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0156 20D-6, Storage Tank

1894	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1895	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1896	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1897	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]

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1898	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1899	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1900	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1901	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1902	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1903	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1904	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1905	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1906	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1907	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1908	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1909	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1910	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1911	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1912	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.

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1913	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1914	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
1915	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1916	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1917	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1918	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1919	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
1920	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1921	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1922	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1923	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1924	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1925	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1926	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1927	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1928	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1929	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1930	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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1931	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
1932	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1933	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1934	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1935	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1936	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1937	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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1938	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1939	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1940	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1941	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1942	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
1943	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]

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1944	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1945	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1946	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1947	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1948	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1949	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1950	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1951	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1952	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1953	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1954	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
1955	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
1956	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
1957	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
1958	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]

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1959	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
1960	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
1961	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
1962	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
1963	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
1964	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
1965	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
1966	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1967	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
1968	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
1969	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
1970	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1971	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
1972	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
1973	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
1974	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.

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1975	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
1976	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
1977	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
1978	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
1979	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
1980	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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1981	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
1982	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0159 20D-65, Storage Tank

1983	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
1984	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
1985	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
1986	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
1987	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified

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EQT0159 20D-65, Storage Tank

1988	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
1989	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
1990	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
1991	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
1992	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
1993	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
1994	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
1995	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
1996	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
1997	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
1998	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
1999	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
2000	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
2001	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2002	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]

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2003	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2004	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2005	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2006	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2007	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2008	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2009	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2010	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2011	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2012	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2013	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2014	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2015	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2016	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2017	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2018	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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2019	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2020	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2021	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2022	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2023	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2024	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2025	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2026	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
2027	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
2028	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
2029	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
2030	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
2031	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]

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2032	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
2033	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
2034	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
2035	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
2036	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
2037	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
2038	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
2039	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
2040	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
2041	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
2042	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
2043	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
2044	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2045	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2046	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]

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2047	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2048	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2049	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2050	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2051	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2052	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2053	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2054	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2055	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2056	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2057	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2058	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2059	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2060	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2061	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
2062	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.

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2063	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2064	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2065	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2066	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2067	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2068	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2069	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
2070	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
2071	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
2072	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
2073	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
2074	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
2075	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
2076	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]

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2077	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
2078	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
2079	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
2080	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
2081	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
2082	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
2083	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
2084	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
2085	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
2086	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
2087	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2088	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2089	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2090	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2091	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]

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2092	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2093	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2094	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2095	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2096	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2097	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2098	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2099	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2100	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2101	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2102	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2103	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2104	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
2105	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2106	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.

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2107	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2108	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2109	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2110	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2111	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2112	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
2113	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
2114	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
2115	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
2116	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
2117	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
2118	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
2119	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
2120	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]

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2121	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
2122	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
2123	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
2124	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
2125	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
2126	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
2127	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
2128	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
2129	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
2130	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2131	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2132	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2133	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2134	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2135	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2136	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]

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2137	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2138	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2139	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2140	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2141	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2142	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2143	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2144	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2145	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2146	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2147	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
2148	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2149	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2150	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2151	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2152	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2153	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

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2154	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2155	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
2156	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
2157	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
2158	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
2159	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
2160	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
2161	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
2162	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
2163	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
2164	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
2165	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
2166	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
2167	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]

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2168	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
2169	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
2170	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
2171	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
2172	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
2173	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2174	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2175	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2176	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2177	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2178	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2179	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2180	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2181	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2182	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2183	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified

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2184	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2185	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2186	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2187	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2188	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2189	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2190	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
2191	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2192	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2193	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2194	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2195	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2196	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2197	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2198	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
2199	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
2200	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
2201	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
2202	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
2203	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
2204	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
2205	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
2206	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
2207	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
2208	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]

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2209	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2210	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2211	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2212	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2213	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2214	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2215	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2216	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
2217	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2218	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2219	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2220	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2221	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0165 20D-73, Storage Tank

2222	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

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2223	[40 CFR 60.112b(a)(1)(ii)(C)]	Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]
2224	[40 CFR 60.112b(a)(1)]	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
2225	[40 CFR 60.113b(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)] Which Months: All Year Statistical Basis: None specified
2226	[40 CFR 60.113b(a)(4)]	If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
2227	[40 CFR 60.113b(a)(4)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
2228	[40 CFR 60.113b(a)(5)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]

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2229	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
2230	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
2231	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
2232	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
2233	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
2234	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
2235	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
2236	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
2237	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
2238	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) is considered compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
2239	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]
2240	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2241	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2242	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

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2243	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2244	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2245	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
2246	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
2247	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
2248	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
2249	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
2250	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
2251	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
2252	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
2253	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
2254	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
2255	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
2256	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
2257	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]

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EQT0166 20D-8, Storage Tank

2258	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
2259	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
2260	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
2261	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
2262	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
2263	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2264	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2265	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2266	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2267	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2268	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2269	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2270	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2271	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2272	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2273	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified

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2274	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2275	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2276	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2277	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2278	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2279	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2280	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
2281	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2282	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2283	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2284	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2285	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2286	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2287	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0167 20D-9, Storage Tank

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2288	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
2289	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0168 20T-201, Storage Tank

2290	[40 CFR 60.112a(a)(2)]	Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(2)]
2291	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2292	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
2293	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
2294	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
2295	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
2296	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]

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2297	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
2298	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
2299	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
2300	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
2301	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
2302	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
2303	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2304	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2305	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2306	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2307	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2308	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]

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2309	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2310	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63:654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
2311	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2312	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2313	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2314	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2315	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0169 20T-202, Storage Tank

2316	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
2317	[40 CFR 60.112b(a)(1)(ii)(B)]	Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(B)]
2318	[40 CFR 60.112b(a)(1)(ii)(C)]	Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]

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2319	[40 CFR 60.112b(a)(1)]	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
2320	[40 CFR 60.113b(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)] Which Months: All Year Statistical Basis: None specified
2321	[40 CFR 60.113b(a)(2)]	If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.115b(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113b(a)(2)]
2322	[40 CFR 60.113b(a)(2)]	Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(2)] Which Months: All Year Statistical Basis: None specified
2323	[40 CFR 60.113b(a)(4)]	If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
2324	[40 CFR 60.113b(a)(4)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified

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2325	[40 CFR 60.113b(a)(5)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
2326	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
2327	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
2328	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
2329	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
2330	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
2331	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
2332	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
2333	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
2334	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
2335	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) is considered compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
2336	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0169 20T-202, Storage Tank

2337	[40 CFR 63.647]	Compliance with the requirements of NESHAP, Subpart FF, 40 CFR 63.340 has been determined to be compliance with all the requirements of NESHAP, Subpart CC.
2338	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2339	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2340	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2341	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2342	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0170 20T-203, Storage Tank

2343	[40 CFR 60.112a(a)(2)]	Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(2)]
2344	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2345	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
2346	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
2347	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0170 20T-203, Storage Tank

2348	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
2349	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
2350	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
2351	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
2352	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
2353	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
2354	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
2355	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
2356	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2357	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2358	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2359	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2360	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0170 20T-203, Storage Tank

2361	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2362	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2363	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
2364	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2365	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2366	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2367	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2368	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0171 20T-204, Storage Tank

2369	[40 CFR 60.112a(a)(2)]	Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(2)]
2370	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2371	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0171 20T-204, Storage Tank

2372	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
2373	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
2374	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
2375	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
2376	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
2377	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
2378	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
2379	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
2380	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
2381	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
2382	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2383	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
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EQT0171 20T-204, Storage Tank

2384	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2385	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2386	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2387	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2388	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2389	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
2390	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2391	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2392	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2393	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2394	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0172 20T-205, Storage Tank

2395	[40 CFR 60.112a(a)(2)]	Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(2)]
2396	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0172 20T-205, Storage Tank

2397	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
2398	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
2399	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
2400	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
2401	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
2402	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
2403	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
2404	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
2405	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
2406	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
2407	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]

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EQT0172 20T-205, Storage Tank

2408	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2409	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2410	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2411	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2412	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2413	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2414	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2415	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
2416	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2417	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2418	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2419	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2420	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0173 20T-206, Storage Tank

2421	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

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EQT0173 20T-206, Storage Tank

2422	[40 CFR 60.112b(a)(1)(ii)(C)]	Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]
2423	[40 CFR 60.112b(a)(1)]	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
2424	[40 CFR 60.113b(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)] Which Months: All Year Statistical Basis: None specified
2425	[40 CFR 60.113b(a)(4)]	If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
2426	[40 CFR 60.113b(a)(4)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
2427	[40 CFR 60.113b(a)(5)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]

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EQT0173 20T-206, Storage Tank

2428	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
2429	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
2430	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
2431	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
2432	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
2433	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
2434	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
2435	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
2436	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
2437	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) has been determined to be compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
2438	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]
2439	[40 CFR 63.647]	Compliance with the requirements of NESHAP, Subpart FF, 40 CFR 63.340 has been determined to be compliance with all the requirements of NESHAP, Subpart CC.
2440	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2441	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.

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2442	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2443	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2444	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0174 20T-207, Storage Tank

2445	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2446	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
2447	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0175 20T-209, Storage Tank

2448	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2449	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
2450	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
2451	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
2452	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
2453	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified

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2454	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
2455	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
2456	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
2457	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
2458	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
2459	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
2460	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
2461	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
2462	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
2463	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
2464	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
2465	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
2466	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
2467	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2468	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]

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2469	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2470	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2471	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2472	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2473	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2474	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
2475	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2476	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2477	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2478	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2479	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2480	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2481	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2482	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2483	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2484	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2485	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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EQT0175 20T-209, Storage Tank

2486	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2487	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2488	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2489	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2490	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2491	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2492	[LAC 33:III.5109.A.2]	Compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart CC and LAC 33:III.2103 has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT0176 20T-210, Storage Tank

2493	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
2494	[40 CFR 60.112b(a)(1)(ii)(C)]	Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]

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EQT0176 20T-210, Storage Tank

2495 [40 CFR 60.112b(a)(1)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

2496 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
Which Months: All Year Statistical Basis: None specified

2497 [40 CFR 60.113b(a)(4)] If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]

2498 [40 CFR 60.113b(a)(4)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)]
Which Months: All Year Statistical Basis: None specified

2499 [40 CFR 60.113b(a)(5)] Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]

2500 [40 CFR 60.115b(a)(1)] Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]

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2501	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
2502	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
2503	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
2504	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
2505	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
2506	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
2507	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
2508	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
2509	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) has been determined to be compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
2510	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]
2511	[40 CFR 63.647]	Compliance with the requirements of NESHAP, Subpart FF, 40 CFR 63.340 has been determined to be compliance with all the requirements of NESHAP, Subpart CC.
2512	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2513	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2514	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2515	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

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EQT0176 20T-210, Storage Tank

2516	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0177 20T-211, Storage Tank

2517	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2518	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
2519	[LAC 33:III.5109.A]	Compliance with NESHAP 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.

EQT0178 20T-212, Storage Tank

2520	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2521	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
2522	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0179 20T-213, Storage Tank

2523	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2524	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
2525	[LAC 33:III.5109.A]	Compliance with NESHAP 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.

EQT0180 20T-214, Storage Tank

SPECIFIC REQUIREMENTS

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EQT0180 20T-214, Storage Tank

2526	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2527	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
2528	[LAC 33:III.5109.A]	Compliance with NESHAP 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.

EQT0181 20T-215, Storage Tank

2529	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2530	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
2531	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0182 20T-216, Storage Tank

2532	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2533	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
2534	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
2535	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
2536	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]

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2537	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified
2538	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
2539	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
2540	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
2541	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
2542	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
2543	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
2544	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
2545	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
2546	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
2547	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
2548	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
2549	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
2550	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
2551	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.

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2552	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2553	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2554	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2555	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2556	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2557	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2558	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
2559	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2560	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2561	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2562	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2563	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2564	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2565	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2566	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2567	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2568	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2569	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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2570	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2571	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2572	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2573	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2574	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2575	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2576	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2577	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2578	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
2579	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
2580	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
2581	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
2582	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified

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2583	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
2584	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
2585	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
2586	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
2587	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
2588	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
2589	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
2590	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
2591	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
2592	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
2593	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
2594	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
2595	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
2596	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2597	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]

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2598	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2599	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2600	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2601	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2602	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2603	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
2604	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2605	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2606	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2607	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2608	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2609	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2610	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2611	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2612	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2613	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2614	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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2615	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2616	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2617	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2618	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2619	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2620	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2621	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2622	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2623	[40 CFR 63.119(c)(1)]	External floating roof: Equip with a closure device between the wall of the storage vessel and the roof edge that meets the specifications in 40 CFR 63.119(c)(1)(i) through (c)(1)(v). Subpart G. [40 CFR 63.119(c)(1)]
2624	[40 CFR 63.119(c)(2)]	External floating roof: Ensure that each external floating roof meets the specifications listed in 40 CFR 63.119(c)(2)(i) through (c)(2)(xii). Subpart G. [40 CFR 63.119(c)(2)]
2625	[40 CFR 63.119(c)]	External floating roof: Ensure that the external floating roof is floating on the liquid surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(c)(3)(i) through (c)(3)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(c)]
2626	[40 CFR 63.120(b)(10)(i)]	If any of the conditions listed in 40 CFR 63.120(b)(10)(i) are found during the visual inspection required by 40 CFR 63.120(b)(10), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(b)(10)(i)]
2627	[40 CFR 63.120(b)(10)]	Tank roof and seals monitored by visual inspection/determination upon each occurrence of the vessel being emptied and degassed. Subpart G. [40 CFR 63.120(b)(10)] Which Months: All Year Statistical Basis: None specified

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2628	[40 CFR 63.120(b)(1)]	Determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel, and the secondary seal and the wall of the storage vessel according to the frequency specified in 40 CFR 63.120(b)(1)(i) through (b)(1)(iv). Subpart G. [40 CFR 63.120(b)(1)]
2629	[40 CFR 63.120(b)(2)]	Determine gap widths and gap areas in the primary and secondary seals (seal gaps) individually by the procedures described in 40 CFR 63.120(b)(2)(i) through (b)(2)(iii). Subpart G. [40 CFR 63.120(b)(2)]
2630	[40 CFR 63.120(b)(3)]	Add the gap surface area of each gap location for the primary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the primary seal must not exceed 212 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 3.81 cm. Subpart G. [40 CFR 63.120(b)(3)]
2631	[40 CFR 63.120(b)(4)]	Add the gap surface area of each gap location for the secondary seal and divide the sum by the nominal diameter of the vessel. The accumulated area of gaps between the vessel wall and the secondary seal must not exceed 21.2 cm^2/m of vessel diameter and the width of any portion of any gap must not exceed 1.27 cm. Subpart G. [40 CFR 63.120(b)(4)]
2632	[40 CFR 63.120(b)(5)(i)]	Primary seal: Where a metallic shoe is in use, one end of the metallic shoe shall extend into the stored liquid and the other end shall extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart G. [40 CFR 63.120(b)(5)(i)]
2633	[40 CFR 63.120(b)(5)(ii)]	Primary seal: Ensure that there are no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. Subpart G. [40 CFR 63.120(b)(5)(ii)]
2634	[40 CFR 63.120(b)(6)(i)]	Secondary seal: Install above the primary seal so that it completely covers the space between the roof edge and the vessel wall except as provided in 40 CFR 63.120(b)(4). Subpart G. [40 CFR 63.120(b)(6)(i)]
2635	[40 CFR 63.120(b)(6)(ii)]	Secondary seal: Ensure that there are no holes, tears, or other openings in the seal or seal fabric. Subpart G. [40 CFR 63.120(b)(6)(ii)]
2636	[40 CFR 63.120(b)(7)]	If it is determined that it is unsafe to perform the seal gap measurements required in 40 CFR 63.120(b)(1) and (b)(2) or to inspect the vessel to determine compliance with 40 CFR 63.120(b)(5) and (b)(6) because the floating roof appears to be structurally unsound and poses an imminent or potential danger to inspecting personnel, measure the seal gaps or inspect the storage vessel no later than 30 calendar days after the determination that the roof is unsafe, or empty and remove the storage vessel from service no later than 45 calendar days after determining that the roof is unsafe. Subpart G. [40 CFR 63.120(b)(7)]
2637	[40 CFR 63.120(b)(8)]	Repair conditions that do not meet requirements listed in 40 CFR 63.120(b)(3), (b)(4), (b)(5) and (b)(6) no later than 45 calendar days after identification, or empty and remove the storage vessel from service no later than 45 calendar days after identification. Subpart G. [40 CFR 63.120(b)(8)]
2638	[40 CFR 63.120(b)(9)]	Submit Notification: Due in writing 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) to afford DEQ the opportunity to have an observer present. Subpart G. [40 CFR 63.120(b)(9)]
2639	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
2640	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
2641	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2642	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]

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2643	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2644	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2645	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2646	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2647	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2648	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
2649	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2650	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2651	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2652	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2653	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2654	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2655	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2656	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2657	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2658	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2659	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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2660	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2661	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2662	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2663	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2664	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2665	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2666	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2667	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
2668	[LAC 33:III.5109.A]	Compliance with NESHAP 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.

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2669	[40 CFR 60.112b(a)(2)(ii)]	Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
2670	[40 CFR 60.112b(a)(2)(iii)]	The roof shall be floating on the liquid at all times except during the initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg suppots shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)(iii)]

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2671	[40 CFR 60.112b(a)(2)]	Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
2672	[40 CFR 60.113b(b)(1)(i)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)] Which Months: All Year Statistical Basis: None specified
2673	[40 CFR 60.113b(b)(4)(i)(A)]	One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]
2674	[40 CFR 60.113b(b)(4)(i)(B)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
2675	[40 CFR 60.113b(b)(4)(i)]	Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2676	[40 CFR 60.113b(b)(4)(i)]	Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2677	[40 CFR 60.113b(b)(4)(ii)(A)]	Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
2678	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
2679	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
2680	[40 CFR 60.113b(b)(4)]	Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
2681	[40 CFR 60.113b(b)(5)]	Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
2682	[40 CFR 60.113b(b)(6)(i)]	If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]

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2683	[40 CFR 60.113b(b)(6)(ii)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
2684	[40 CFR 60.113b(b)(6)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)] Which Months: All Year Statistical Basis: None specified
2685	[40 CFR 60.115b(b)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
2686	[40 CFR 60.115b(b)(2)]	Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]
2687	[40 CFR 60.115b(b)(3)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
2688	[40 CFR 60.115b(b)(4)]	Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
2689	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
2690	[40 CFR 63.640(n)(1)]	Overlap of NESHAP, 40 CFR 63, Subpart CC: Group 1 or Group 2 vessels that is part of an existing source and is also subject to the requirements of NSPS, 40 CFR 60, Subpart Kb shall comply with NSPS, Subpart Kb requirements, except as provided in 40 CFR 63.640(n)(8), and with all the applicable requirements of 40 CFR 63.642 and 40 CFR 63.654. Subpart CC. [40 CFR 63.640(n)(1)]
2691	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2692	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2693	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2694	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified

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2695	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2696	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2697	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2698	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2699	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2700	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2701	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
2702	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2703	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2704	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2705	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2706	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2707	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2708	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2709	[40 CFR 60.112b(a)(2)(ii)]	Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
2710	[40 CFR 60.112b(a)(2)(iii)]	The roof shall be floating on the liquid at all times except during the initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg suppots shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)(iii)]
2711	[40 CFR 60.112b(a)(2)]	Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
2712	[40 CFR 60.113b(b)(1)(i)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)] Which Months: All Year Statistical Basis: None specified
2713	[40 CFR 60.113b(b)(4)(i)(A)]	One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]
2714	[40 CFR 60.113b(b)(4)(i)(B)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
2715	[40 CFR 60.113b(b)(4)(i)]	Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2716	[40 CFR 60.113b(b)(4)(i)]	Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2717	[40 CFR 60.113b(b)(4)(ii)(A)]	Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
2718	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified

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2719	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
2720	[40 CFR 60.113b(b)(4)]	Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
2721	[40 CFR 60.113b(b)(5)]	Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
2722	[40 CFR 60.113b(b)(6)(i)]	If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]
2723	[40 CFR 60.113b(b)(6)(ii)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
2724	[40 CFR 60.113b(b)(6)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)] Which Months: All Year Statistical Basis: None specified
2725	[40 CFR 60.115b(b)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
2726	[40 CFR 60.115b(b)(2)]	Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]
2727	[40 CFR 60.115b(b)(3)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
2728	[40 CFR 60.115b(b)(4)]	Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
2729	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

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2730	[40 CFR 63.640(n)(1)]	Overlap of NESHAP, 40 CFR 63, Subpart CC: Group 1 or Group 2 vessels that is part of an existing source and is also subject to the requirements of NSPS, 40 CFR 60, Subpart Kb shall comply with NSPS, Subpart Kb requirements, except as provided in 40 CFR 63.640(n)(8), and with all the applicable requirements of 40 CFR 63.642 and 40 CFR 63.654. Subpart CC. [40 CFR 63.640(n)(1)]
2731	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2732	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2733	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2734	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2735	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2736	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2737	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2738	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2739	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2740	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2741	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
2742	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2743	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2744	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2745	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0187 20T-221, Storage Tank

2746	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2747	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2748	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0188 20T-302, Storage Tank

2749	[40 CFR 60.112a(a)(2)]	Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(2)]
2750	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2751	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
2752	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
2753	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
2754	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
2755	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
2756	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0188 20T-302, Storage Tank

2757	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
2758	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
2759	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
2760	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
2761	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
2762	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2763	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2764	[LAC 33:III.2103.C.1.a]	Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
2765	[LAC 33:III.2103.C.1.b]	Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
2766	[LAC 33:III.2103.C.1.c]	Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
2767	[LAC 33:III.2103.C.2]	Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover.
2768	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0188 20T-302, Storage Tank

2769	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2770	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2771	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0189 20T-303, Storage Tank

2772	[40 CFR 60.112b(a)(1)(i)]	Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]
2773	[40 CFR 60.112b(a)(1)(ii)(C)]	Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]
2774	[40 CFR 60.112b(a)(1)]	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]
2775	[40 CFR 60.113b(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0189 20T-303, Storage Tank

2776	[40 CFR 60.113b(a)(4)]	If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
2777	[40 CFR 60.113b(a)(4)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
2778	[40 CFR 60.113b(a)(5)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
2779	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
2780	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
2781	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
2782	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]
2783	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
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EQT0189 20T-303, Storage Tank

2784	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
2785	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
2786	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
2787	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
2788	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) has been determined to be compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
2789	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]
2790	[40 CFR 63.647]	Compliance with the requirements of NESHAP, Subpart FF, 40 CFR 63.340 has been determined to be compliance with all the requirements of NESHAP, Subpart CC.
2791	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2792	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2793	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2794	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2795	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0190 20T-306, Storage Tank

2796	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0191 20T-307, Storage Tank

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0191 20T-307, Storage Tank

2797	[40 CFR 60.112a(a)(2)]	Equip with a fixed roof and an internal floating type cover having a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves with a cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Set rim vents to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(2)]
2798	[40 CFR 60.115a]	Petroleum liquid storage data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.115a(d). Subpart Ka.
2799	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
2800	[40 CFR 63.119(a)(2)]	Operate and maintain a closed-vent system and control device meeting the requirements specified in 40 CFR 63.119(e), route the emissions to a process or a fuel gas system as specified in 40 CFR 63.119(f), vapor balance as specified in 40 CFR 63.119(g), or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(2)]
2801	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
2802	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Subpart G. [40 CFR 63.119(b)(4)]
2803	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
2804	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
2805	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
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EQT0191 20T-307, Storage Tank

2806	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
2807	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
2808	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]
2809	[40 CFR 63.120(a)].	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
2810	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
2811	[40 CFR 63.646(a)]	Comply with the requirements of 40 CFR 63.119 through 63.121, except as provided in 40 CFR 63.646(b) through (l). Subpart CC. [40 CFR 63.646(a)]
2812	[40 CFR 63.646(f)(1)]	If a cover or lid is installed on an opening on a floating roof, keep the cover or lid closed except when it must be open for access. Subpart CC. [40 CFR 63.646(f)(1)]
2813	[40 CFR 63.646(f)(2)]	Set rim space vents to open only when the floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart CC. [40 CFR 63.646(f)(2)]
2814	[40 CFR 63.646(f)(3)]	Keep automatic bleeder vents closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Subpart CC. [40 CFR 63.646(f)(3)]
2815	[40 CFR 63.654(h)(2)(i)]	Notify DEQ of the refilling of each Group 1 storage vessel that has been emptied and degassed, in order to afford DEQ the opportunity to have an observer present. Submit notification in writing according to the schedules specified in 40 CFR 63.654(h)(2)(i)(A) through (h)(2)(i)(C). Subpart CC. [40 CFR 63.654(h)(2)(i)]
2816	[40 CFR 63.654(h)(2)(ii)]	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63.120(b)(1) or (b)(2) of 40 CFR 63 Subpart G. Subpart CC. [40 CFR 63.654(h)(2)(ii)]
2817	[40 CFR 63.654(i)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)]
2818	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2819	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2820	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0191 20T-307, Storage Tank

2821 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

2822 [LAC 33:III.5107.A.2] Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0192 22AF-101, Storage Tank

2823 [LAC 33:III.5107.A.2] Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0193 22AF-102, Storage Tank

2824 [LAC 33:III.5107.A.2] Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0194 2AT-101, Storage Tank

2825 [LAC 33:III.5109.A] Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0195 2D-361, Storage Tank

2826 [LAC 33:III.5109.A] Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0196 2D-362, Storage Tank

2827 [LAC 33:III.5109.A] Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0197 2D-365, Storage Tank

2828 [LAC 33:III.5109.A] Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0199 31D-823, Storage Tank

2829 [LAC 33:III.5109.A] Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0200 31T-301, Storage Tank

2830 [LAC 33:III.5109.A] Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0201 37T-301, Storage Tank

2831 [40 CFR 60.112b(a)(1)(i)] Equip with a fixed roof in combination with an internal floating roof. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(1)(i)]

2832 [40 CFR 60.112b(a)(1)(ii)(B)] Equip internal floating roof with two seals mounted secondary above the primary so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The primary seal may be vapor-mounted, but both must be continuous. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(B)]

2833 [40 CFR 60.112b(a)(1)(ii)(C)] Equip internal floating roof with a mechanical shoe seal consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. Subpart Kb. [40 CFR 60.112b(a)(1)(ii)(C)]

2834 [40 CFR 60.112b(a)(1)] Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. Equip each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains with a cover or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Equip the cover or lid with a gasket. Bolt covers on each access hatch and automatic gauge float well except when they are in use. Equip automatic bleeder vents with a gasket and close at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Equip rim space vents with a gasket and set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. Subpart Kb. [40 CFR 60.112b(a)(1)]

2835 [40 CFR 60.113b(a)(1)] Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. Subpart Kb. [40 CFR 60.113b(a)(1)]
Which Months: All Year Statistical Basis: None specified

2836 [40 CFR 60.113b(a)(2)] If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, request a 30-day extension from DEQ in the inspection report required in 40 CFR 60.115b(a)(3). Document in the request for extension that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. Subpart Kb. [40 CFR 60.113b(a)(2)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0201 37T-301, Storage Tank

2837	[40 CFR 60.113b(a)(2)]	Tank roof and seals monitored by visual inspection/determination annually. Inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(2)] Which Months: All Year Statistical Basis: None specified
2838	[40 CFR 60.113b(a)(4)]	If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i) of this section. Subpart Kb. [40 CFR 60.113b(a)(4)]
2839	[40 CFR 60.113b(a)(4)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If a failure is detected during inspections required in this paragraph initiate repair provisions. Subpart Kb. [40 CFR 60.113b(a)(4)] Which Months: All Year Statistical Basis: None specified
2840	[40 CFR 60.113b(a)(5)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) to afford DEQ an opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(a)(5)]
2841	[40 CFR 60.115b(a)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(1)]
2842	[40 CFR 60.115b(a)(2)]	Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection, per 40 CFR 60.113b(a)(1) through (4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(a)(2)]
2843	[40 CFR 60.115b(a)(3)]	Submit a report: Due to DEQ within 30 days of the annual visual inspection required by 40 CFR 60.113b(a)(2) that detects any of the conditions described in 40 CFR 60.113b(a)(2). Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(3)]
2844	[40 CFR 60.115b(a)(4)]	Submit a report: Due to DEQ within 30 days of each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii). The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR. 60.113b(a)(3) and list each repair made. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(a)(4)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0201 37T-301, Storage Tank

2845	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
2846	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
2847	[40 CFR 60.116b(d)]	Submit notification: Due within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Subpart Kb. [40 CFR 60.116b(d)]
2848	[40 CFR 60.116b(f)(1)]	Determine the highest maximum true vapor pressure for the range of anticipated stored liquid compositions prior to the initial filling of the vessel using the methods described in 40 CFR 60.116b(e). Subpart Kb. [40 CFR 60.116b(f)(1)]
2849	[40 CFR 60.116b(f)(2)]	Vapor pressure monitored by physical testing once initially and once every six months using the methods specified in 40 CFR 60.116b(f)(2)(i) through (iii). Subpart Kb. [40 CFR 60.116b(f)(2)] Which Months: All Year Statistical Basis: None specified
2850	[40 CFR 61.351(a)(1)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(1) is considered compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(1)]
2851	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FFn (356a4, 357)□ . [40 CFR 61.356(a)(4), 40 CFR 61.357]
2852	[40 CFR 63.647]	Compliance with the requirements of NESHAP, Subpart FF, 40 CFR 63.340 has been determined to be compliance with all the requirements of NESHAP, Subpart CC.
2853	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2854	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
2855	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2856	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2857	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0202 37T-311, Storage Tank

2858	[LAC 33:III.5109.A.2]	Compliance with all the applicable requirements of 40 CFR 61, Subpart FF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT0203 37T-314, Storage Tank

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0203 37T-314, Storage Tank

2859	[40 CFR 60.112b(a)(2)(ii)]	Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
2860	[40 CFR 60.112b(a)(2)(iii)]	The roof shall be floating on the liquid at all times except during the initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg suppots shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)(iii)]
2861	[40 CFR 60.112b(a)(2)]	Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
2862	[40 CFR 60.113b(b)(1)(i)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)] Which Months: All Year Statistical Basis: None specified
2863	[40 CFR 60.113b(b)(4)(i)(A)]	One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]
2864	[40 CFR 60.113b(b)(4)(i)(B)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
2865	[40 CFR 60.113b(b)(4)(i)]	Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2866	[40 CFR 60.113b(b)(4)(i)]	Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2867	[40 CFR 60.113b(b)(4)(ii)(A)]	Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
2868	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0203 37T-314, Storage Tank

2869	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
2870	[40 CFR 60.113b(b)(4)]	Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
2871	[40 CFR 60.113b(b)(5)]	Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
2872	[40 CFR 60.113b(b)(6)(i)]	If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]
2873	[40 CFR 60.113b(b)(6)(ii)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
2874	[40 CFR 60.113b(b)(6)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)] Which Months: All Year Statistical Basis: None specified
2875	[40 CFR 60.115b(b)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
2876	[40 CFR 60.115b(b)(2)]	Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]
2877	[40 CFR 60.115b(b)(3)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
2878	[40 CFR 60.115b(b)(4)]	Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
2879	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
2880	[40 CFR 61.351(a)(2)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(2) is considered compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(2)]

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

EQT0203 37T-314, Storage Tank

2881	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2882	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2883	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2884	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2885	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2886	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2887	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2888	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2889	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2890	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2891	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
2892	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2893	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2894	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2895	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2896	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2897	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

SPECIFIC REQUIREMENTS

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EQT0203 37T-314, Storage Tank

2898	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0204 37T-315, Storage Tank

2899	[40 CFR 60.112b(a)(2)(ii)]	Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
2900	[40 CFR 60.112b(a)(2)(iii)]	The roof shall be floating on the liquid at all times except during the initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg suppots shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)(iii)]
2901	[40 CFR 60.112b(a)(2)]	Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
2902	[40 CFR 60.113b(b)(1)(i)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)] Which Months: All Year Statistical Basis: None specified
2903	[40 CFR 60.113b(b)(4)(i)(A)]	One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]
2904	[40 CFR 60.113b(b)(4)(i)(B)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
2905	[40 CFR 60.113b(b)(4)(i)]	Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2906	[40 CFR 60.113b(b)(4)(i)]	Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
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EQT0204 37T-315, Storage Tank

2907	[40 CFR 60.113b(b)(4)(ii)(A)]	Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
2908	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
2909	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
2910	[40 CFR 60.113b(b)(4)]	Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
2911	[40 CFR 60.113b(b)(5)]	Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
2912	[40 CFR 60.113b(b)(6)(i)]	If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]
2913	[40 CFR 60.113b(b)(6)(ii)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
2914	[40 CFR 60.113b(b)(6)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)] Which Months: All Year Statistical Basis: None specified
2915	[40 CFR 60.115b(b)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
2916	[40 CFR 60.115b(b)(2)]	Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]
2917	[40 CFR 60.115b(b)(3)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
2918	[40 CFR 60.115b(b)(4)]	Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]

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EQT0204 37T-315, Storage Tank

2919	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
2920	[40 CFR 61.351(a)(2)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(2) is considered compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(2)]
2921	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2922	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2923	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2924	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2925	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2926	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2927	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2928	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2929	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2930	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2931	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
2932	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2933	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.

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EQT0204 37T-315, Storage Tank

2934	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2935	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2936	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2937	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2938	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0205 37T-316, Storage Tank

2939	[40 CFR 60.112b(a)(2)(ii)]	Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
2940	[40 CFR 60.112b(a)(2)(iii)]	The roof shall be floating on the liquid at all times except during the initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg suppots shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)(iii)]
2941	[40 CFR 60.112b(a)(2)]	Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
2942	[40 CFR 60.113b(b)(1)(i)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)] Which Months: All Year Statistical Basis: None specified
2943	[40 CFR 60.113b(b)(4)(i)(A)]	One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]

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2944	[40 CFR 60.113b(b)(4)(i)(B)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
2945	[40 CFR 60.113b(b)(4)(i)]	Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2946	[40 CFR 60.113b(b)(4)(i)]	Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2947	[40 CFR 60.113b(b)(4)(ii)(A)]	Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
2948	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
2949	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
2950	[40 CFR 60.113b(b)(4)]	Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
2951	[40 CFR 60.113b(b)(5)]	Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
2952	[40 CFR 60:113b(b)(6)(i)]	If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]
2953	[40 CFR 60.113b(b)(6)(ii)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
2954	[40 CFR 60.113b(b)(6)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)] Which Months: All Year Statistical Basis: None specified
2955	[40 CFR 60.115b(b)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
2956	[40 CFR 60.115b(b)(2)]	Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]

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2957	[40 CFR 60.115b(b)(3)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
2958	[40 CFR 60.115b(b)(4)]	Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
2959	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
2960	[40 CFR 61.351(a)(2)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(2) is considered compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(2)]
2961	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
2962	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
2963	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
2964	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2965	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
2966	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
2967	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
2968	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2969	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
2970	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
2971	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.

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2972	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
2973	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
2974	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
2975	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
2976	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
2977	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
2978	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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2979	[40 CFR 60.112b(a)(2)(ii)]	Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, equip each opening in the roof with a gasketed cover, seal, or lid and maintain in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Close automatic bleeder vents at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Set rim vents to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Equip automatic bleeder vents and rim space vents with gaskets. Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Kb. [40 CFR 60.112b(a)(2)(ii)]
2980	[40 CFR 60.112b(a)(2)(iii)]	The roof shall be floating on the liquid at all times except during the initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg suppots shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)(iii)]

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2981	[40 CFR 60.112b(a)(2)]	Equip with an external floating roof consisting of a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Equip with a closure device between the wall of the storage vessel and the roof edge. The closure device consists of two seals, secondary above the primary. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Kb. [40 CFR 60.112b(a)(2)]
2982	[40 CFR 60.113b(b)(1)(i)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Using the procedures in 40 CFR 60.113b(b)(2) determine the gap areas and maximum gap widths between the primary seal and the wall of the storage vessel during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(i)] Which Months: All Year Statistical Basis: None specified
2983	[40 CFR 60.113b(b)(4)(i)(A)]	One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(A)]
2984	[40 CFR 60.113b(b)(4)(i)(B)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Kb. [40 CFR 60.113b(b)(4)(i)(B)]
2985	[40 CFR 60.113b(b)(4)(i)]	Seal gap area <= 212 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2986	[40 CFR 60.113b(b)(4)(i)]	Seal gap width <= 3.81 cm for the width of any portion of any gap between the tank wall and the mechanical shoe or liquid-mounted primary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(i)] Which Months: All Year Statistical Basis: None specified
2987	[40 CFR 60.113b(b)(4)(ii)(A)]	Install the secondary seal above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 60.113b(b)(2)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(A)]
2988	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap area <= 21.2 cm^2/m of tank diameter (accumulated area) for gaps between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
2989	[40 CFR 60.113b(b)(4)(ii)(B)]	Seal gap width <= 1.27 cm for the width of any portion of any gap between the tank wall and the secondary seal. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(B)] Which Months: All Year Statistical Basis: None specified
2990	[40 CFR 60.113b(b)(4)]	Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed in 40 CFR 60.113b(b)(4) (i) and (ii) except as specified in 40 CFR 60.113b(b)(4)(iii). Subpart Kb. [40 CFR 60.113b(b)(4)]
2991	[40 CFR 60.113b(b)(5)]	Submit notification: Due at least 30 days in advance of any gap measurements required by 40 CFR 60.113b(b)(1) to afford DEQ the opportunity to have an observer present. Subpart Kb. [40 CFR 60.113b(b)(5)]
2992	[40 CFR 60.113b(b)(6)(i)]	If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. Subpart Kb. [40 CFR 60.113b(b)(6)(i)]

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2993	[40 CFR 60.113b(b)(6)(ii)]	Submit notification in writing: Due at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(6) to afford DEQ an opportunity to inspect the storage vessel prior to refilling. If the inspection required by paragraph 40 CFR 60.113b(b)(6) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, notify DEQ at least 7 days prior to the refilling of the storage vessel. Notify by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, submit notification in writing including the written documentation and send by express mail so that it is received by DEQ at least 7 days prior to the refilling. Subpart Kb. [40 CFR 60.113b(b)(6)(ii)]
2994	[40 CFR 60.113b(b)(6)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the storage vessel is emptied and degassed. Subpart Kb. [40 CFR 60.113b(b)(6)] Which Months: All Year Statistical Basis: None specified
2995	[40 CFR 60.115b(b)(1)]	Submit a report: Due to DEQ as an attachment to the notification required by 40 CFR 60.7(a)(3). This report shall describe the control equipment and certify that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 60.113b(b)(2), (b)(3), and (b)(4). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(1)]
2996	[40 CFR 60.115b(b)(2)]	Submit a report: Due to DEQ within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1). The report shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(2)]
2997	[40 CFR 60.115b(b)(3)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance, as required by 40 CFR 60.113b(b). Each record shall identify the storage vessel in which the measurement was performed and shall contain: 1) the date of measurement, 2) the raw data obtained in the measurement, 3) the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.115b(b)(3)]
2998	[40 CFR 60.115b(b)(4)]	Submit a report: Due to DEQ within 30 days after each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4). The report will identify the vessel and contain the information specified in 40 CFR 60.115b(b)(2) and the date the vessel was emptied or the repairs made and date of repair. Keep copies of all reports for at least two years. Subpart Kb. [40 CFR 60.115b(b)(4)]
2999	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
3000	[40 CFR 61.351(a)(2)]	Benzene: Compliance with all the applicable requirements of NSPS, 40 CFR 60.112b(a)(2) is considered compliance with all the applicable requirements of NESHAP, 40 CFR 63, Subpart FF. [40 CFR 61.351(a)(2)]
3001	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
3002	[LAC 33:III.2103.D.2.a]	Seal closure devices required in LAC 33:III.2103.D shall have no visible holes, tears, or other openings in the seals or seal fabric.
3003	[LAC 33:III.2103.D.2.b]	Seal closure devices required in LAC 33:III.2103.D shall be intact and uniformly in place around the circumference of the floating roof and the tank wall.
3004	[LAC 33:III.2103.D.2.c]	Seal gap area <= 1 in^2/ft of tank diameter (6.5 cm2/0.3 m), for gaps between the secondary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified
3005	[LAC 33:III.2103.D.2.d]	Seal gap area <= 10 in^2/ft of tank diameter (65 cm2/0.3 m), for gaps between the primary seal and tank wall that exceed 1/8 inch (0.32 cm) in width. Which Months: All Year Statistical Basis: None specified

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3006	[LAC 33:III.2103.D.2.e]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of conditions that are not up to the standards described in LAC 33:III.2103.D.2, and the date(s) that the standards are not met. Notify the administrative authority within seven days of noncompliance with LAC 33:III.2103.D.2.
3007	[LAC 33:III.2103.D.2.e]	Initiate repairs of seals within seven working days of recognition of defective conditions by ordering appropriate parts, to avoid noncompliance with LAC 33:III.2103. Complete repairs within three months of the ordering of the repair parts.
3008	[LAC 33:III.2103.D.2.e]	Primary seals: Seal gap area & width monitored by measurement once every five years at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
3009	[LAC 33:III.2103.D.2.e]	Secondary Seal or closure mechanism monitored by visual inspection/determination semiannually. Which Months: All Year Statistical Basis: None specified
3010	[LAC 33:III.2103.D.2.e]	Secondary seals: Seal gap area & width monitored by measurement annually at any tank level, provided the roof is off its legs. Which Months: All Year Statistical Basis: None specified
3011	[LAC 33:III.2103.D.3]	Equip all covers, seals, lids, automatic bleeder vents and rim space vents with gaskets.
3012	[LAC 33:III.2103.D.3]	Provide all openings in the external floating roof (except for automatic bleeder vents, rim space vent, and leg sleeves) with a projection below the liquid surface. Equip each opening in the roof (except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves) with a cover, seal or lid that is to be maintained in a closed position at all times except when the device is in actual use. Keep automatic bleeder vents closed at all times except when the roof is being floated off the roof leg supports. Set rim vents to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. Equip any emergency roof drain with a slotted membrane fabric cover or equivalent cover that covers at least 90 percent of the opening.
3013	[LAC 33:III.2103.D]	Equip external floating roof with a primary closure seal, consisting of a liquid mounted seal or a mechanical shoe seal, as defined in LAC 33:III.2103.C.1.a and b.
3014	[LAC 33:III.2103.D]	Equip with an external floating roof consisting of a pontoon type roof, double deck type roof, or external floating cover which will rest or float on the surface of the liquid contents and is equipped with a primary closure seal to close the space between the roof edge and tank wall and a continuous secondary seal (a rim mounted secondary) extending from the floating roof to the tank wall.
3015	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 using the methods in LAC 33:III.2103.H.1.
3016	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
3017	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
3018	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0207 41T-2, Storage Tank

3019	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
3020	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
3021	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

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EQT0207 41T-2, Storage Tank

3022	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0208 41T-3, Storage Tank

3023	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
3024	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
3025	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
3026	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0209 41T-4, Storage Tank

3027	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0210 71T-302, Storage Tank

3028	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0211 71T-303, Storage Tank

3029	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0212 76T-102, Storage Tank

3030	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0213 76T-103, Storage Tank

3031	[LAC 33:III.5109.A]	Emits Class III toxic air pollutants only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emission Report unless exempted by LAC 33:III.5105.B.

EQT0214 89T-101, Storage Tank

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EQT0214 89T-101, Storage Tank

3032	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
3033	[LAC 33:III.5107.A]	Compliance with NESHAP 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.

EQT0215 89T-102, Storage Tank

3034	[40 CFR 63.654(h)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Keep readily accessible records showing the dimensions of the storage vessel, an analysis showing the capacity of the storage vessel, and any data, assumptions, and procedures used to make the determination for the tank to be Group 2. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart CC. [40 CFR 63.654(h), 40 CFR 63.654(i)(1)(iv)]
3035	[LAC 33:III.5107.A.2]	Compliance with NESHAP 40 CFR 63, Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.

EQT0226 CRU, Catalytic Reformer Unit

3036	[40 CFR 63.1566(a)(1)(i)]	Vent emissions to a flare that meets the requirements for control devices in 40 CFR 63.11(b). Subpart UUU. [40 CFR 63.1566(a)(1)(i)]
3037	[40 CFR 63.1566(a)(2)]	Shall comply with all the applicable requirements in accordance with 40 CFR 63.1566(a)(2), Table 16 - Item 1. Subpart UUU. [40 CFR 63.1566(a)(2)]
3038	[40 CFR 63.1566(a)(3)]	Shall comply wlith all the applicable requirements in accordance wlith 40 CFR 63.1566(a)(3) and (4), Table 15 and 16 - Item 1 for both citations. Subpart UUU. [40 CFR 63.1566(a)(4), 40 CFR 63.1566(a)(3)]
3039	[40 CFR 63.1566(a)(5)]	Shall prepare an operation, maintenance, and monitoring plan in accordance with 40 CFR 63.1574(f) and operate at all times according to the prcedures in the plan. Subpart UUU. [40 CFR 63.1566(a)(5)]
3040	[40 CFR 63.1566(b)]	Determine initial compliance with emission limitations using the procedures in 40 CFR 63.1566(b)(4) and (b)(6). Subpart UUU. [40 CFR 63.1566(b)]
3041	[40 CFR 63.1566(c)(1)]	Demonstrate continuous compliance with each applicable emission limitation in 40 CFR 63 Subpart UUU Tables 15 and 16 according to the methods specified in 40 CFR 63 Subpart UUU Tables 20 - Item 1 and 21 - Item No. 1. Subpart UUU. [40 CFR 63.1566(c)(1)]
3042	[40 CFR 63.1567(a)(1)(ii)]	Hydrochloric acid >= 92 % reduction by weight or <= 30 ppmv (dry basis), corrected to 3% oxygen, Table 22 - Item 1. Subpart UUU. [40 CFR 63.1567(a)(1)(ii)] Which Months: All Year Statistical Basis: None specified
3043	[40 CFR 63.1567(a)(2)]	Hydrochloric acid <= 30 ppmv, during coke burn-off and catalyst rejuvenation. Subpart UUU. [40 CFR 63.1567(a)(2)] Which Months: All Year Statistical Basis: Daily average
3044	[40 CFR 63.1567(b)(1)]	Hydrochloric acid monitored by the regulation's specified method(s) continuously, during coke burn-off and catalyst rejuvenation. Monitor using colormetric tube sampling Table 24 - Item 2 and 40 CFR 63.1572(c)(1), Table 41 - Item No. 2. Subpart UUU. [40 CFR 63.1567(b)(1), 40 CFR 63.1572(a)(1)] Which Months: All Year Statistical Basis: None specified
3045	[40 CFR 63.1567(b)(2)]	Conduct each performance test according to the requirements in 40 CFR 63.1571 and the conditions specified in 40 CFR 63 Subpart UUU Table 25. Subpart UUU. [40 CFR 63.1567(b)(2)]

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3046	[40 CFR 63.1567(b)]	Determine initial compliance with emission limitations using the procedures in 40 CFR 63.1567(b)(4) and (b)(5). Subpart UUU. [40 CFR 63.1567(b)]
3047	[40 CFR 63.1567(c)(1)]	Demonstrate continuous compliance with each applicable emission limitation in 40 CFR 63 Subpart UUU Tables 22 and 23 according to the methods specified in 40 CFR 63 Subpart UUU Table 27 - Item No. 1 and Table 28 - Item No. 2. Subpart UUU. [40 CFR 63.1567(c)(1), 40 CFR 63.1567(c)(2)]

EQT0227 32E-1, Cooling Tower No. 1

3048	[LAC 33:III.501.C.6]	Maintain drift rate specified for control of particulate matter (10 microns or less) <= 0.005 percent of the circulating water rate.
3049	[LAC 33:III.501.C.6]	Shall monitor the Heat Exchanger/Cooling Tower for VOC monthly.

EQT0228 32UT-301, Cooling Tower No. 2

3050	[LAC 33:III.501.C.6]	Maintain drift rate specified for control of particulate matter (10 microns or less) <= 0.005 percent of the circulating water rate.
3051	[LAC 33:III.501.C.6]	Shall monitor the Heat Exchanger/Cooling Tower for VOC monthly.

EQT0229 35U-1, Cooling Tower No. 3

3052	[LAC 33:III.501.C.6]	Maintain drift rate specified for control of particulate matter (10 microns or less) <= 0.005 percent of the circulating water rate.
3053	[LAC 33:III.501.C.6]	Shall monitor the Heat Exchanger/Cooling Tower for VOC monthly.

EQT0230 32U-4, Cooling Tower No. 5

3054	[LAC 33:III.501.C.6]	Maintain drift rate specified for control of particulate matter (10 microns or less) <= 0.005 percent of the circulating water rate.
3055	[LAC 33:III.501.C.6]	Shall monitor the Heat Exchanger/Cooling Tower for VOC monthly.

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3056	[40 CFR 60.592(a)]	Comply with the requirements of 40 CFR 60.482-1 to 482-10 as soon as practicable, but no later than 180 days after initial startup. Subpart GGG. [40 CFR 60.592(a)]
3057	[40 CFR 60.592(d)]	Comply with the provisions of 40 CFR 60.485 except as provided in 40 CFR 60.593. Subpart GGG. [40 CFR 60.592(d)]
3058	[40 CFR 60.592(e)]	Comply with the provisions of 40 CFR 60.486 and 60.487. Subpart GGG. [40 CFR 60.592(e)]
3059	[40 CFR 60.692-2(a)(1)]	Equip each drain with water seal controls. Subpart QQQ. [40 CFR 60.692-2(a)(1)]
3060	[40 CFR 60.692-2(a)(2)]	Equipment/operational data monitored by visual inspection/determination once initially and monthly thereafter. Monitor drains in active service for indications of low water levels or other conditions that would reduce the effectiveness of the water seal controls. Subpart QQQ. [40 CFR 60.692-2(a)(2)] Which Months: All Year Statistical Basis: None specified

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3061	[40 CFR 60.692-2(a)(3)]	Equipment/operational data monitored by visual inspection/determination once initially and weekly thereafter. Monitor drains out of active service for indications of low water levels or other problems that could result in VOC emissions. Subpart QQQ. [40 CFR 60.692-2(a)(3)] Which Months: All Year Statistical Basis: None specified
3062	[40 CFR 60.692-2(a)(5)]	Add water or make first attempts at repair as soon as practicable, but not later than 24 hours after low water levels or missing or improperly installed caps or plugs are detected, except as specified in 40 CFR 60.692-6. Subpart QQQ. [40 CFR 60.692-2(a)(5)]
3063	[40 CFR 60.692-2(b)(1)]	Junction boxes: Equip with a cover. Ensure vent pipes are at least 90 cm (3 ft) in length and do not exceed 10.2 cm (4 in) in diameter. Subpart QQQ. [40 CFR 60.692-2(b)(1)]
3064	[40 CFR 60.692-2(b)(2)]	Junction boxes: Cover must have a tight seal around the edge and be kept in place at all times, except during inspection and maintenance. Subpart QQQ. [40 CFR 60.692-2(b)(2)]
3065	[40 CFR 60.692-2(b)(3)]	Junction boxes: Equipment/operational data monitored by visual inspection/determination once initially and semiannually thereafter. Monitor to ensure the cover is in place and to ensure that the cover has a tight seal around the edge. Subpart QQQ. [40 CFR 60.692-2(b)(3)] Which Months: All Year Statistical Basis: None specified
3066	[40 CFR 60.692-2(b)(4)]	Junction boxes: Make a first effort at repair as soon as practicable, but not later than 15 calendar days after a broken seal or gap is identified, except as provided in 40 CFR 60.692-6. Subpart QQQ. [40 CFR 60.692-2(b)(4)]
3067	[40 CFR 60.692-2(c)(1)]	Sewer lines: Ensure that sewer lines are not open to the atmosphere and are covered or enclosed in a manner so as to have no visual gaps or cracks in joints, seals, or other emission interfaces. Subpart QQQ. [40 CFR 60.692-2(c)(1)]
3068	[40 CFR 60.692-2(c)(2)]	Sewer lines: Equipment/operational data monitored by visual inspection/determination once initially and semiannually thereafter. Monitor the portion of each unburied sewer line for indication of cracks, gaps, or other problems that could result in VOC emissions. Subpart QQQ. [40 CFR 60.692-2(c)(2)] Which Months: All Year Statistical Basis: None specified
3069	[40 CFR 60.692-2(c)(3)]	Sewer lines: Make repairs as soon as practicable, but not later than 15 calendar days after cracks, gaps, or other problems are detected, except as specified in 40 CFR 60.692-6. Subpart QQQ. [40 CFR 60.692-2(c)(3)]
3070	[40 CFR 60.692-2(e)]	Do not route refinery wastewater routed through new drains and a new first common downstream junction box, either as part of a new or existing individual drain system, through a downstream catch basin. Subpart QQQ. [40 CFR 60.692-2(e)]
3071	[40 CFR 60.692-4]	Comply with the requirements of 40 CFR 60.692-2 and 60.692-3. Subpart QQQ.
3072	[40 CFR 60.692-5(c)]	Comply with the requirements of 40 CFR 60.18. Subpart QQQ. [40 CFR 60.692-5(c)]
3073	[40 CFR 60.695(a)(4)]	Comply with the monitoring requirements of 40 CFR 60.18(f)(2). Subpart QQQ. [40 CFR 60.695(a)(4)]
3074	[40 CFR 60.696(a)]	Before using any equipment installed in compliance with 40 CFR 60.692-2, 60.692-3, 60.692-4, 60.692-5, or 60.693, inspect such equipment for indication of potential emissions, defects, or other problems that may cause requirements of 40 CFR 60 Subpart QQQ not to be met. Subpart QQQ. [40 CFR 60.696(a)]
3075	[40 CFR 60.697(a)]	Retain all records required by 40 CFR 60 Subpart QQQ for a period of 2 years after being recorded unless otherwise noted. Subpart QQQ. [40 CFR 60.697(a)]
3076	[40 CFR 60.697(b)]	Inspection records recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 60.697(b)(1) through (b)(3). Subpart QQQ. [40 CFR 60.697(b)]
3077	[40 CFR 60.697(e)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 60.697(e)(1) through (e)(4), as applicable. Subpart QQQ. [40 CFR 60.697(e)]

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3078	[40 CFR 60.697(f)]	Retain the records specified in 40 CFR 60.697(f)(1) through (f)(3) for the life of the source in a readily accessible location. Subpart QQQ. [40 CFR 60.697(f)]
3079	[40 CFR 60.697(g)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep plans or specifications which indicate the location of out of active service drains covered by tightly sealed caps or plugs for the life of the facility in a readily accessible location. Subpart QQQ. [40 CFR 60.697(g)]
3080	[40 CFR 60.698(b)(1)]	Submit Notification: Due within 60 days after initial startup. Submit a certification that the equipment necessary to comply with 40 CFR 60 Subpart QQQ has been installed and that the required initial inspections or tests of process drains, sewer lines, junction boxes, oil-water separators, and closed vent systems and control devices have been carried out in accordance with 40 CFR 60 Subpart QQQ. Thereafter, submit a certification semiannually that all of the required inspections have been carried out in accordance with 40 CFR 60 Subpart QQQ. Subpart QQQ. [40 CFR 60.698(b)(1)]
3081	[40 CFR 60.698(c)]	Submit report: Due initially and semiannually thereafter. Submit a report that summarizes all inspections when a water seal was dry or otherwise breached, when a drain cap or plug was missing or improperly installed, or when cracks, gaps, or other problems were identified that could result in VOC emissions, including information about the repairs or corrective action taken. Subpart QQQ. [40 CFR 60.698(c)]
3082	[40 CFR 61.347]	API Oil Water Separators: Shall comply with all the applicable requirements of NESHAP, 40 CFR 61.347. Subpart FF.
3083	[40 CFR 63.647(a)]	Group 1 (Wastewater): Shall comply with the requirements of Subpart FF, 40 CFR 61.340 thru 61.355 (as applicable). Subpart CC. [40 CFR 63.647(a)]
3084	[40 CFR 63.648(a)]	Comply with 40 CFR 63 Subpart H, except as provided in 40 CFR 63.648(c) through (i). Subpart CC. [40 CFR 63.648(a)]
3085	[40 CFR 63.648(a)]	Comply with the provisions of 40 CFR 60 Subpart VV and 40 CFR 63.648(b) except as provided in 40 CFR 63.648(a)(1), (a)(2), and (c) through (i). Subpart CC. [40 CFR 63.648(a)]
3086	[40 CFR 63.648(c)]	Comply with the requirements of 40 CFR 63.161 through 63.169, 63.171, 63.172, 63.175, 63.176, 63.177, 63.179, and 63.180 except as specified in 40 CFR 63.648(c)(1) through (c)(10) and (e) through (i). Subpart CC. [40 CFR 63.648(c)]
3087	[40 CFR 63.648(h)]	Maintain all records for a minimum of 5 years. Subpart CC. [40 CFR 63.648(h)]
3088	[40 CFR 63.654(d)]	Comply with the recordkeeping and reporting provisions in 40 CFR 63.654(d)(1) through (d)(6). Subpart CC. [40 CFR 63.654(d)]
3089	[LAC 33:III.2111]	Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.
3090	[LAC 33:III.2121.B.1]	Repair according to LAC 33:III.2121.B.3 any regulated component observed leaking by sight, sound, or smell, regardless of the leak's concentration.
3091	[LAC 33:III.2121.B.2]	Do not locate any valve, except safety pressure relief valves, valves on sample lines, valves on drain lines and valves that can be removed and replaced without a shutdown, at the end of a pipe or line containing VOC unless the end of such line is sealed with a second valve, a blind flange, a plug, or a cap. Remove such sealing devices only when the line is in use, for example, when a sample is being taken. When the line has been used and is subsequently resealed, close the upstream valve first, followed by the sealing device.
3092	[LAC 33:III.2121.B.3]	Make every reasonable effort to repair a leaking component, as described in LAC 33:III.2121.B, within 15 days, except as provided.
3093	[LAC 33:III.2121.C.1.a.i]	Pump seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified

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3094	[LAC 33:III.2121.C.1.a.ii]	Valves in liquid service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
3095	[LAC 33:III.2121.C.1.a.iii]	Process drains: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
3096	[LAC 33:III.2121.C.1.b.i]	Compressor seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
3097	[LAC 33:III.2121.C.1.b.ii]	Valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Permittee may elect to comply with the alternate standards for valves in LAC 33:III.2121.D (skip period provisions). Which Months: All Year Statistical Basis: None specified
3098	[LAC 33:III.2121.C.1.b.iii]	Pressure relief valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
3099	[LAC 33:III.2121.C.1.c]	Pumps: Seal or closure mechanism monitored by visual inspection/determination weekly (52 times per year). Which Months: All Year Statistical Basis: None specified
3100	[LAC 33:III.2121.C.3.a]	Pressure relief valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 24 hours after venting to the atmosphere. If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
3101	[LAC 33:III.2121.C.3.b]	All components: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of a leak detected by sight, smell, or sound, unless electing to implement actions as specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
3102	[LAC 33:III.2121.C.4.c]	Inaccessible valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (at a minimum). Which Months: All Year Statistical Basis: None specified
3103	[LAC 33:III.2121.C.4.c]	Unsafe-to-monitor valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of conditions allowing these valves to be monitored safely. Which Months: All Year Statistical Basis: None specified
3104	[LAC 33:III.2121.E.1]	When a leak that cannot be repaired on-line and in-place is located, affix to the leaking component a weatherproof and readily visible tag bearing an identification number and the date the leak is located. Date and remove the tag after the leak is repaired.
3105	[LAC 33:III.2121.E]	Equipment/operational data recordkeeping by survey log upon each occurrence of a leak. Include the leaking component information specified in LAC 33:III.2121.E.2. Retain the survey log for two years after the latter date specified in LAC 33:III.2121.E.2 and make said log available to DEQ upon request.
3106	[LAC 33:III.2121.F]	Submit report: Due semiannually, by the 31st of January and July, to the Office of Environmental Assessment. Include the information specified in LAC 33:III.2121.F.1 through 4 for each calendar quarter during the reporting period.

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3107	[LAC 33:III.5109.A]	Attach a weatherproof and readily visible identification, marked with the equipment identification, to leaking equipment, as specified in Subsection Q.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3108	[LAC 33:III.5109.A]	Comply with the test methods and procedures in Section P, as specified in Subsections P.1 through P.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3109	[LAC 33:III.5109.A]	Compressors (no detectable emissions): Demonstrate that the compressor is operating with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in Subsection P.3, as specified in Paragraph E.10.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsections E.2 through E.9.
3110	[LAC 33:III.5109.A]	Compressors (no detectable emissions): VOC, Total monitored by the regulation's specified method(s) once initially upon designation, annually, and at other times requested by DEQ, as specified in Paragraph E.10.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsections E.2 through E.9. Which Months: All Year Statistical Basis: None specified
3111	[LAC 33:III.5109.A]	Compressors (seal system): Operate with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure, or equip with a barrier fluid system that is connected by a closed-vent system to a control device that complies with the requirements of Section N, or equip with a system that purges the barrier fluid into a process stream with zero VOTAP emission to the atmosphere, as specified in Subsection E.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3112	[LAC 33:III.5109.A]	Compressors (seal system): VOC, Total monitored by the regulation's specified method(s) quarterly, as specified in Subsection E.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor to detect leaks using the methods specified in Section P. If an instrument reading of 5000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection E.8. Which Months: All Year Statistical Basis: None specified
3113	[LAC 33:III.5109.A]	Compressors: Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both, as specified in Paragraph E.6.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3114	[LAC 33:III.5109.A]	Compressors: Ensure that the barrier fluid is not in VOTAP service and, if the compressor is covered by a standard under NSPS, is not in VOC service, as specified in Subsection E.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3115	[LAC 33:III.5109.A]	Compressors: Equip each barrier fluid system as described in Subsections E.2 through E.4 with a sensor that will detect failure of the seal system, the barrier fluid system, or both, as specified in Subsection E.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3116	[LAC 33:III.5109.A]	Compressors: Equip with a closed-vent system capable of capturing and transporting any leakage from the seal to a control device that complies with the requirements of Section N, except as provided for in Subsection E.10, as specified in Paragraph E.9 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Alternative to Subsections E.1 through E.7.
3117	[LAC 33:III.5109.A]	Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided for in Subsections C.4, E.9 and E.10, as specified in Subsection E.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

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3118 [LAC 33:III.5109.A]
Compressors: Equipment/operational data monitored by technically sound method daily, as specified in Paragraph E.6.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Check each sensor as required in Subsection E.5 daily or equip with an audible alarm unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on criterion determined under Paragraph E.6.b, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection E.8.
Which Months: All Year Statistical Basis: None specified

3119 [LAC 33:III.5109.A]
Compressors: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection E.8 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.

3120 [LAC 33:III.5109.A]
Connectors in gas/vapor service and in light liquid service >= one inch in inside diameter size (inaccessible or glass or glass-lined): Repair leaks as soon as practicable, but no later than 15 calendar days after detecting a leak by visual, audible, olfactory or other means, except as specified in Subsection O.8, as specified in Subsection O.11.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after the leak is detected, as specified in Subsection O.11.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the monitoring requirements of Subsection O.2 through O.6 and the recordkeeping and reporting requirements.

3121 [LAC 33:III.5109.A]
Connectors in gas/vapor service and in light liquid service >= one inch in inside diameter size (opened or otherwise had the seal broken): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Monitor for leaks after being returned to VOTAP service during the next scheduled monitoring period, as specified in Paragraph O.8 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If the follow-up monitoring detects a leak, initiate repair provisions specified in Subsection O.9, unless it is determined to be unrepairable, in which case it is counted as unrepairable.
Which Months: All Year Statistical Basis: None specified

3122 [LAC 33:III.5109.A]
Connectors in gas/vapor service and in light liquid service >= one inch in inside diameter size (percent of leaking connectors <= 2): VOC, Total monitored by the regulation's specified method(s) annually, as specified in Subsections O.2 and O.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). . Monitoring must be performed in the same calendar quarter as the previous monitoring. Monitor using the method specified in Section P. If an instrument reading >= 1000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M.
Which Months: All Year Statistical Basis: None specified

3123 [LAC 33:III.5109.A]
Connectors in gas/vapor service and in light liquid service >= one inch in inside diameter size (percent of leaking connectors > 2): VOC, Total monitored by the regulation's specified method(s) quarterly until good performance is obtained or until four quarterly monitorings have been performed, as specified in Subsections O.2 and O.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If good performance has not been obtained after four quarters of monitoring, monitor the remaining unchecked connectors within three months of the last quarterly monitoring period, as specified in Subsection O.6 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If monitoring of the remaining connectors indicates good performance, monitor in accordance with Subsection O.4. If monitoring of the remaining connectors indicates that good performance has not been obtained, monitor in accordance with Subsection O.5. Monitor using the method specified in Section P. If an instrument reading >= 1000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M.
Which Months: All Year Statistical Basis: None specified

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3124	[LAC 33:III.5109.A]	Connectors in gas/vapor service and in light liquid service >= one inch in inside diameter size (unsafe-to-monitor): Determine that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with Subsections O.2 through O.6, as specified in Subsection O.10.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection O.1.
3125	[LAC 33:III.5109.A]	Connectors in gas/vapor service and in light liquid service >= one inch in inside diameter size (unsafe-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring as frequently as practicable during safe to monitor periods, as specified in Subsection O.10.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method in Section P. Comply with this requirement instead of the requirements in Subsection O.1. Which Months: All Year Statistical Basis: None specified
3126	[LAC 33:III.5109.A]	Connectors in gas/vapor service and in light liquid service >= one inch in inside diameter size (welded completely around the circumference of the interface or physically removed and the pipe welded together): Equipment/operational data monitored by the regulation's specified method(s) within three months after being welded. Check the integrity of the weld by monitoring according to the procedures in Section P or by testing using x-ray, acoustic monitoring, hydrotesting, or other applicable method, as specified in Subsection O.7 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection O. Which Months: All Year Statistical Basis: None specified
3127	[LAC 33:III.5109.A]	Connectors in gas/vapor service and in light liquid service >= one inch in inside diameter size: Calculate the percent leaking connectors using the equation in Subsection O.12 for use in determining the monitoring frequency, as specified in Subsection O.12 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3128	[LAC 33:III.5109.A]	Connectors in gas/vapor service and in light liquid service >= one inch in inside diameter size: Repair Leaks as soon as practicable, but not later than 15 calendar days after a leak is detected. Make a first attempt at repair no later than 5 calendar days after each leak is detected. If a leak is detected, monitor the for leaks within the first 90 days after its repair, as specified in Subsection O.9 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3129	[LAC 33:III.5109.A]	Connectors in gas/vapor service and in light liquid service >= one inch in inside diameter size: VOC, Total monitored by the regulation's specified method(s) once initially, as specified in Subsections O.1 and O.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If an instrument reading >= 1000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection O.9, except as provided in Section M. Which Months: All Year Statistical Basis: None specified
3130	[LAC 33:III.5109.A]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in Subsections Q.1 through Q.13 as applicable, as specified in Section Q of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3131	[LAC 33:III.5109.A]	Identify each piece of equipment in a process unit subject to this MACT determination such that it can be distinguished readily from equipment that is not subject to this MACT determination, as specified in Subsection C.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3132	[LAC 33:III.5109.A]	Instrument systems and pressure relief devices in liquid service; pumps, valves, connectors, and agitators in heavy liquid service; connectors < 1 inch in inside diameter in gas/vapor or light liquid service: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection K.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.

SPECIFIC REQUIREMENTS

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FUG0002 GEN PLANT, General Plant Fugitive Emissions

3133	[LAC 33:III.5109.A]	Instrument systems and pressure relief devices in liquid service; pumps, valves, connectors, and agitators in heavy liquid service; connectors < 1 inch in inside diameter in gas/vapor or light liquid service: VOC, Total monitored by the regulation's specified method(s) within 5 days of finding evidence of a potential leak by visual, audible, olfactory, or any other detection method, as specified in Subsection K.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. If an instrument reading of 2000 ppm or greater for pumps or 1000 ppm or greater for valves, connectors, instrument systems, or pressure relief devices is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection K.3. Which Months: All Year Statistical Basis: None specified
3134	[LAC 33:III.5109.A]	Open-ended valves or lines (equipped with a second valve): Operate in a manner such that the valve on the process fluid end is closed before the second valve is closed, as specified in Subsection H.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3135	[LAC 33:III.5109.A]	Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve that seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line or during maintenance and repair, as specified in Subsection H.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3136	[LAC 33:III.5109.A]	Open-ended valves or lines: Monitor and repair in accordance with Section I, as specified in Subsection H.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3137	[LAC 33:III.5109.A]	Pressure relief device in gas/vapor service: After each pressure release, return to a condition of no leakage, as indicated by an instrument reading of less than 500 ppm, as soon as practicable, but no later than five calendar days after each pressure release, except as provided in Section M, as specified in Section F.2.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3138	[LAC 33:III.5109.A]	Pressure relief device in gas/vapor service: Equip with a closed-vent system capable of capturing and transporting leakage from the pressure relief device to a control device as described in Section N, as specified in Section F.2.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Alternative to Subsections F.1 and F.2.
3139	[LAC 33:III.5109.A]	Pressure relief device in gas/vapor service: VOC, Total < 500 ppm except during pressure releases, as measured by the method specified in Section P.3, as specified in Subsection F.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Which Months: All Year Statistical Basis: None specified
3140	[LAC 33:III.5109.A]	Pressure relief device in gas/vapor service: VOC, Total monitored by the regulation's specified method(s) within 5 days (calendar) after the pressure release to confirm the condition of no leakage, as indicated by an instrument reading of less than 500 ppm above background, as specified in Section F.2.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.3. Which Months: All Year Statistical Basis: None specified
3141	[LAC 33:III.5109.A]	Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both, as specified in Subparagraph D.4.e.ii of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection D.1.
3142	[LAC 33:III.5109.A]	Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in VOTAP service and, if the pump is covered by standards under NSPS, is not in VOC service, as specified in Paragraph D.4.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection D.1.
3143	[LAC 33:III.5109.A]	Pumps in light liquid service (dual mechanical seal system): Equip each barrier fluid system with a sensor that will detect failure of the seal system, the barrier fluid system, or both, as specified in Paragraph D.4.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection D.1.

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3144	[LAC 33:III.5109.A]	Pumps in light liquid service (dual mechanical seal system): Equipment/operational data monitored by visual inspection/determination daily. Check sensor daily or equip with an audible alarm, as specified in Subparagraph D.4.e.i of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined in Paragraph D.4.e.ii, a leak is detected. If a leak is detected, initiate repair provisions specified in Paragraphs D.3.a and D.3.b. Comply with this requirement instead of the requirements in Subsection D.1. Which Months: All Year Statistical Basis: None specified
3145	[LAC 33:III.5109.A]	Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure, or equip with a barrier fluid degassing reservoir that is connected by a closed-vent system to a control device that complies with the requirements of Section N, or equip with a system that purges the barrier fluid into a process stream with zero VOTAP emissions to the atmosphere, as specified in Paragraph D.4.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection D.1.
3146	[LAC 33:III.5109.A]	Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar), as specified in Paragraph D.4.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate repair provisions specified in Paragraphs D.3.a and D.3.b. Comply with this requirement instead of the requirements in Subsection D.1. Which Months: All Year Statistical Basis: None specified
3147	[LAC 33:III.5109.A]	Pumps in light liquid service (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency, as specified in Subparagraph D.6 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor pump as often as practicable and at least monthly. Comply with this requirement instead of the weekly visual inspection requirements in Paragraphs D.1.b and D.4.d, and the daily requirements in Paragraph D.4.e.i. Which Months: All Year Statistical Basis: None specified
3148	[LAC 33:III.5109.A]	Pumps in light liquid service: Equip with a closed-vent system capable of capturing and transporting any leakage from the seal or seals to a control device that complies with the requirements of Section N, as specified in Paragraph D.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Alternative to Subsections D.1 through D.4.
3149	[LAC 33:III.5109.A]	Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar), as specified in Paragraph D.1.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If there are indications of liquids dripping from the pump seal, monitor within 5 days. Which Months: All Year Statistical Basis: None specified
3150	[LAC 33:III.5109.A]	Pumps in light liquid service: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection D.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.
3151	[LAC 33:III.5109.A]	Pumps in light liquid service: VOC, Total monitored by the regulation's specified method(s) quarterly. Monitor to detect leaks by the methods specified in Subsection P.2, except as provided in Subsections C.4, D.4, D.5 and D.6, as specified in Paragraph D.1.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). If an instrument reading of 2000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions as specified in Subsection D.3. Which Months: All Year Statistical Basis: None specified
3152	[LAC 33:III.5109.A]	Repair equipment before the end of the next process unit shutdown, if repair is technically infeasible without a process unit shutdown, as specified in Subsection M.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

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AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
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FUG0002 GEN PLANT, General Plant Fugitive Emissions

3153	[LAC 33:III.5109.A]	Sampling connection systems (closed-purge or closed-vent system): Return the purged process fluid directly to the process line with zero VOTAP emissions to the atmosphere, or collect and recycle the purged process fluid with zero VOTAP emissions to the atmosphere, or be designed and operated to capture and transport all the purged process fluid to a control device that complies with the requirements of Section N, as specified in Subsection G.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3154	[LAC 33:III.5109.A]	Sampling connection systems: Equip with a closed-purge system or closed-vent system, except as provided for in Section C, as specified in Subsection G.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Ensure that this system collects or captures the sample purge for return to the process.
3155	[LAC 33:III.5109.A]	Submit report: Due quarterly starting three months after the initial report required in Subsection R.1. Include the information specified in Paragraphs R.2.a through R.2.e, as specified in Subsection R.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3156	[LAC 33:III.5109.A]	Submit statement: Due in writing by 90 days after approval of the Compliance Plan/Certificate of Compliance. Submit the information specified in Subsections R.1 and R.3, as specified in Subsections R.1 and R.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3157	[LAC 33:III.5109.A]	Surge control vessels and bottoms receivers: Equip each surge control vessel and bottoms receiver that is not routed back to the process with a closed-vent system that routes the organic vapors vented from the vessel back to the process or to a control device that complies with the requirements of Section N or to an alternate method of control which has been approved by DEQ, as specified in Section L of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3158	[LAC 33:III.5109.A]	VOC, Total monitored by technically sound method at the regulation's specified frequency. Monitor equipment that has been physically removed from service, disassembled or dismantled in the next scheduled monitoring period or within 1 year of placing back in service, whichever occurs first, to determine if it is leaking, as specified in Subsection C.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Which Months: All Year Statistical Basis: None specified
3159	[LAC 33:III.5109.A]	VOC, Total recordkeeping by manual logging at the regulation's specified frequency. Maintain a record of the monitoring in the log required in Subsection Q.5, as specified in Subsection C.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3160	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than two meters above a support service, as specified in Subsection I.6.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection I.1.
3161	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service (difficult-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valve at least once per calendar year, as specified in Subsection I.6.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. Comply with this requirement instead of the requirements in Subsection I.1. Which Months: All Year Statistical Basis: None specified
3162	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service (percent leaking valves <= 2 for two consecutive quarterly leak detection periods): VOC, Total monitored by the regulation's specified method(s) semiannually, as specified in Paragraph J.2.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If the percentage of valves leaking is greater than 2 for any monitoring period, comply with the requirements as described in Section I, as specified in Paragraph J.2.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Optional alternative to quarterly monitoring. Which Months: All Year Statistical Basis: None specified

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FUG0002 GEN PLANT, General Plant Fugitive Emissions

3163	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service (percent leaking valves <= 2 for two consecutive semiannual leak detection periods): VOC, Total monitored by the regulation's specified method(s) annually, as specified in Paragraph J.2.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Section P. If the percentage of valves leaking is greater than 2 for any monitoring period, comply with the requirements as described in Section I, as specified in Paragraph J.2.c of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Optional alternative to quarterly monitoring. Which Months: All Year Statistical Basis: None specified
3164	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service (percent leaking valves >= 4): VOC, Total monitored by the regulation's specified method(s) monthly, as specified in Subsection I.7 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. Monthly monitoring must be initiated within 60 days of the previous monitoring and must continue until the percent of leaking valves is less than 4, at which time monitoring can be performed in accordance with Subsection I.1. Which Months: All Year Statistical Basis: None specified
3165	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service (skip period leak detection and repair): Notify DEQ 30 days before implementing any of the alternate provisions of Section J, as specified in Subsection R.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3166	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with Subsection I.1, as specified in Subsection I.5.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsection I.1.
3167	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service (unsafe-to-monitor): VOC, Total monitored by the regulation's specified method(s) at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor times, as specified in Subsection I.5.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. Comply with this requirement instead of the requirements in Subsection I.1. Which Months: All Year Statistical Basis: None specified
3168	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service (using skip period leak detection and repair): Notify DEQ at least 30 days before implementing one of the alternate monitoring scenarios in Section J, as specified in Paragraph J.1.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
3169	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service: Repair leaks as soon as practicable, but no later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection I.3 and I.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.
3170	[LAC 33:III.5109.A]	Valves in gas/vapor service and in light liquid service: VOC, Total monitored by the regulation's specified method(s) quarterly, as specified in Subsection I.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. If an instrument reading of 1000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection I.3. Which Months: All Year Statistical Basis: None specified

GRP0004 FCCU Heaters CAP

Group Members: EQT0069 EQT0070

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

GRP0004 FCCU Heaters CAP

3171 [LAC 33:III.501.C.6]

Permittee shall continuously monitor the heat input to the FCCU heaters referenced in this specific condition. Based on the monitored heat input and individual emission factors for the heaters, the permittee shall calculate emissions for each heater. The total heat input to all the heaters shall not exceed 171.36 MM BTU/hr (High Heating Value annual average) and the total calculated emissions from all the heaters shall not exceed PM10, 5.60 tons per year (TPY); SO2, 61.72 TPY; NOx, 112.80 TPY; CO, 61.94 TPY; and VOC, 4.06 TPY. Emissions from these heaters shall be reported under an emission cap, FCCU Heaters Emission Cap, Emission Point FCCU Heaters. The total heat input and the calculated emissions of the individual heaters shall be recorded each month, as well as the heat input and the total calculated emissions for all the heaters for the last twelve months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total heat input and the calculated emissions from the heaters above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the heat input of the individual heaters and the overall total heat input and the corresponding emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.8

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Emission Points 2F-301and 2F-302.

GRP0005 Flare 1-4 CAP

Group Members: EQT0072 EQT0073 EQT0074 EQT0075

3172 [LAC 33:III.501.C.6]

Permittee shall comply with the aggregated Flare Gas Recovery System (FGR) and Units Startup/Shutdown (SU/SD), based on the units and the compressor operations, emissions limits when gases are routed to the Flare No. 1, 2, 3, and 4. The total emissions from the flares due to FGR and SU/SD are limited to 543,996 MM BTU/yr (High Heating Value annual average). The permittee shall not exceed the annual emissions of PM10, 3.70 tons per year (TPY); SO2, 112.50 TPY; NOx, 34.10 TPY; CO, 182.30 TPY; VOC, 68.78 TPY; H2S, 0.60 TPY; and n-Hexane, 1.35 TPY. The emissions are calculated based on the volume of gases routed to the flares during FGR SU/SD emissions. The volume in each incident shall be monitored and recorded. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall calculated emissions above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the overall calculated emissions from the FGR SU/SD shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. The calculated emissions from the FGR SU/SD above the maximum listed in this specific condition shall be a violation of this specific condition and must be reported to the Office of Environmental Complaince, Enforcement Division.

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Emission Point: 19F-3, 19AH-901, 19G-301, and 19G-302.

GRP0006 HTU Heaters 2 & 3 CAP

Group Members: EQT0077 EQT0078 EQT0079 EQT0080 EQT0081

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
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GRP0006 HTU Heaters 2 & 3 CAP

3173 [LAC 33:III.501.C.6]

Permittee shall continuously monitor the heat input to the HTU-2 and 3 heaters and reboilers referenced in this specific condition. Based on the monitored heat input and individual emission factors for the heaters and reboilers, the permittee shall calculate emissions for each heater and reboiler. The total heat input to all the heaters and reboilers shall not exceed 180.71 MM BTU/hr (High Heating Value annual average) and the total calculated emissions from all the heaters shall not exceed PM10, 5.90 tons per year (TPY); SO2, 16.50 TPY; NOx, 53.90 TPY; CO, 65.10 TPY; and VOC, 4.28 TPY. Emissions from these heaters and reboilers shall be reported under an emission cap, HTU 2-3 Heaters Cap, Emission Point HTU 2-3 Heaters. The total heat input and the calculated emissions of the individual heaters and reboilers shall be recorded each month, as well as the heat input and the total calculated emissions for all the heaters and reboilers for the last twelve months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total heat input and the calculated emissions from the heaters and reboilers above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the heat input of the individual heaters and reboilers and the overall total heat input and the corresponding emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.□
□
Emission Points 14H-101, 14H-201, 14H-313, 95H-101, and 95H-102.

GRP0007 Permanent Diesel Fired Equipment CAP

Group Members: EQT0084 EQT0085 EQT0086 EQT0087 EQT0088 EQT0089 EQT0090 EQT0091

3174 [LAC 33:III.501.C.6]

Permittee shall comply with all the applicable state and federal requirements. If a diesel fired engine is greater than 500 hp it shall not be operated more than 700 hours in consecutive six months. The total hours of turnaround of a unit or equipment can exceed based on the calculated hours but the overall total emissions shall not exceed.

3175 [LAC 33:III.501.C.6]

Permittee shall keep record of the diesel fired equipment engine horsepower, number of hours of operation, and the corresponding emissions for each equipment. The emissions shall be calculated based on the associated emissions factors. The total annual diesel consumption shall not be more than 251,160 gallons per year and the annual emissions shall not exceed PM10, 5.30 tons per year (TPY); SO2, 5.00 TPY; NOx, 75.90 TPY; CO, 16.40 TPY; and VOC, 6.19 TPY from Permanent Diesel Fired Equipment, Emission Point EQUIP. The total emissions calculated based on the operations of the individual diesel fired equipment shall be recorded each month, as well as the total calculated emissions for all the diesel fire equipment for the last twelve months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total calculated emissions based on the operation of the diesel fired equipment above the maximum for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report the operation record and the overall total emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.□
□
Emission Points: 30D-301, 30D-302, 32G-15, 33-G3 thru G5, 33P-301, and 37P-407.

GRP0008 Refinery Storage Tanks CAP

Group Members: EQT0096 EQT0098 EQT0099 EQT0100 EQT0101 EQT0102 EQT0103 EQT0104 EQT0105 EQT0106 EQT0107 EQT0108 EQT0109 EQT0110 EQT0111 EQT0112 EQT0113 EQT0114

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
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GRP0008 Refinery Storage Tanks CAP

EQT0115 EQT0116 EQT0117 EQT0118 EQT0119 EQT0120 EQT0121 EQT0122 EQT0123 EQT0124 EQT0125 EQT0126 EQT0127 EQT0128 EQT0129 EQT0130 EQT0131 EQT0132 EQT0133 EQT0134 EQT0135 EQT0136 EQT0138 EQT0141 EQT0142 EQT0143 EQT0145 EQT0146 EQT0147 EQT0148 EQT0149 EQT0150 EQT0151 EQT0152 EQT0153 EQT0154 EQT0155 EQT0156 EQT0157 EQT0158 EQT0159 EQT0160 EQT0161 EQT0162 EQT0163 EQT0164 EQT0165 EQT0166 EQT0167 EQT0168 EQT0169 EQT0170 EQT0171 EQT0172 EQT0173 EQT0174 EQT0175 EQT0176 EQT0177 EQT0178 EQT0179 EQT0180 EQT0181 EQT0182 EQT0183 EQT0184 EQT0185 EQT0186 EQT0187 EQT0188 EQT0189 EQT0190 EQT0191 EQT0192 EQT0193 EQT0194 EQT0195 EQT0196 EQT0197 EQT0199 EQT0200 EQT0201 EQT0202 EQT0203 EQT0204 EQT0205 EQT0206 EQT0207 EQT0208 EQT0209 EQT0210 EQT0211 EQT0212 EQT0213 EQT0214 EQT0215

3176 [LAC 33:III.501.C.6] Permittee shall show compliance with the limits of this permit by maintaining the total overall calculated VOC emissions, Emission Point TANKS (CAP), based on the tank throughput, the controls (IFR, EFR, etc.), and the material stored from all the tanks listed below to no more than 361.63 tons per year. The overall VOC emissions of the tanks shall be calculated based on the tank throughput, the controls (IFR, EFR, etc.), and the material stored and recorded each month, as well as the VOC emission calculated for all the tanks for the last twelve months and recorded each month. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall calculated VOC emissions from the tanks based on the throughput, the control (IFR, EFR, etc.), and the material stored above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the overall calculated VOC emissions from the tanks shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.h
□
Emison Points: 16D-302, 17BT-102, 18D-1, 18D-102, 18D-19, 18D-2, 18D-8, 18T-8, 20AT-901 thru 907, 20D-1, 20D-10, 20D-102, 20D-12 thru 19, 20D-2, 20D-20, 20D-21, 20D-23 thru 29, 20D-3, 20D-30 thru 34, 20D-36 thru 38, 20D-4, 20D-40, 20D-42, 20D-44 thru 47, 20D-49, 20D-5, 20D-51 thru 54, 20D-59, 20D-6, 20D-61, 20D-62, 20D-65 thru 68, 20D-7, 20D-70, 20D-73, 20D-8, 20D-9, 20D201 thru 207, 20D-209 thru 221, 20T-302, 20T-303, 20T-306, 20T-307, 22AF-101, 22AF-102, 22AT-101, 2D-361, 2D-362, 2D-365, 31D301, 31D-823, 31T-301, 37T-301, 37T-311, 37T-314 thru 316, 41T-2 thru 4, 71T-302, 71T-303, 76T-102, 76T-103, 89T-101, and 89T-102.

3177 [LAC 33:III.501.C.6] Phenanthrene <= 0.002 lb/hr.
Which Months: All Year Statistical Basis: Hourly average

3178 [LAC 33:III.501.C.6] Phenanthrene <= 0.01 tons/yr.
Which Months: All Year Statistical Basis: Annual maximum

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3179 [40 CFR 52.21] Shall comply with the requirements of PSD-LA-378(M-2), PSD-LA-420(M-1), PSD-LA-600, PSD-LA-639(M-1), and PSD-LA-673. This permit includes provisions of all the Prevention of Significant Deterioration (PSD) permit review. [40 CFR 52.21, LAC 33:III.509]

3180 [40 CFR 60.105(a)(4)] Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously for equipments 35F-306, 31C-801 and 19-AT-209. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4), 40 CFR 60.107]
Which Months: All Year Statistical Basis: None specified

3181 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

3182 [40 CFR 61.145(b)(1)] Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)]

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3183	[40 CFR 61.148]	Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
3184	[40 CFR 61.342(e)]	Benzene: Permittee shall comply with all the applicable requirements of the alternative requirements of paragraphs 40 CFR 61.342(c) and (d). The permittee shall manage and treat facility waste with a flow weighted annual average water content of less than 10 percent in accordance with 40 CFR 61.342(c)(1). The benzene quantity for the wastes described in 40 CFR 61.342(e)(2) shall be equal to or less than 6.6 tons per year, as determined in 40 CFR 61.355(k). Subpart FF. [40 CFR 61.342(e)]
3185	[40 CFR 61.356(a)(4)]	Benzene: Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.357, 40 CFR 61.356(a)(4)]
3186	[40 CFR 61.]	All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
3187	[40 CFR 63.1564(b)(6)]	Demonstrate initial compliance with the work practice standard in 40 CFR 63.1564(a)(3) by submitting the operation, maintenance, and monitoring plan to DEQ as part of the Notification of Compliance Status. Subpart UUU. [40 CFR 63.1564(b)(6)]
3188	[40 CFR 63.1564(b)(7)]	Submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.1574. Subpart UUU. [40 CFR 63.1564(b)(7)]
3189	[40 CFR 63.1564(c)(2)]	Demonstrate continuous compliance with the work practice standard in 40 CFR 63.1564(a)(3) by maintaining records to document conformance with the procedures in the operation, maintenance, and monitoring plan. Subpart UUU. [40 CFR 63.1564(c)(2)]
3190	[40 CFR 63.1565(b)(5)]	Demonstrate initial compliance with the work practice standard in 40 CFR 63.1565(a)(3) by submitting the operation, maintenance, and monitoring plan to DEQ as part of the Notification of Compliance Status according to 40 CFR 63.1574. Subpart UUU. [40 CFR 63.1565(b)(5)]
3191	[40 CFR 63.1565(b)(6)]	Submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.1574. Subpart UUU. [40 CFR 63.1565(b)(6)]
3192	[40 CFR 63.1565(c)(2)]	Demonstrate continuous compliance with the work practice standard in 40 CFR 63.1565(a)(3) by complying with the procedures in the operation, maintenance, and monitoring plan. Subpart UUU. [40 CFR 63.1565(c)(2)]
3193	[40 CFR 63.1566(b)(7)]	Demonstrate initial compliance with the work practice standard in 40 CFR 63.1566(a)(5) by submitting the operation, maintenance, and monitoring plan to DEQ as part of the Notification of Compliance Status. Subpart UUU. [40 CFR 63.1566(b)(7)]
3194	[40 CFR 63.1566(b)(8)]	Submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.1574. Subpart UUU. [40 CFR 63.1566(b)(8)]
3195	[40 CFR 63.1566(c)(2)]	Demonstrate continuous compliance with the work practice standard in 40 CFR 63.1566(a)(5) by complying with the procedures in the operation, maintenance, and monitoring plan. Subpart UUU. [40 CFR 63.1566(c)(2)]
3196	[40 CFR 63.1567(b)(6)]	Demonstrate initial compliance with the work practice standard in 40 CFR 63.1567(a)(3) by submitting the operation, maintenance, and monitoring plan to DEQ as part of the Notification of Compliance Status. Subpart UUU. [40 CFR 63.1567(b)(6)]
3197	[40 CFR 63.1567(b)(7)]	Submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.1574. Subpart UUU. [40 CFR 63.1567(b)(7)]
3198	[40 CFR 63.1567(c)(2)]	Demonstrate continuous compliance with the work practice standard in 40 CFR 63.1567(a)(3) by maintaining records to document conformance with the procedures in the operation, maintenance and monitoring plan. Subpart UUU. [40 CFR 63.1567(c)(2)]
3199	[40 CFR 63.1568(b)(6)]	Demonstrate initial compliance with the work practice standard in 40 CFR 63.1568(a)(3) by submitting the operation, maintenance, and monitoring plan to DEQ as part of the Notification of Compliance Status. Subpart UUU. [40 CFR 63.1568(b)(6)]

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3200	[40 CFR 63.1568(b)(7)]	Submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.1574. Subpart UUU. [40 CFR 63.1568(b)(7)]
3201	[40 CFR 63.1568(c)(2)]	Demonstrate continuous compliance with the work practice standard in 40 CFR 63.1568(a)(3) by complying with the procedures in the operation, maintenance and monitoring plan. Subpart UUU. [40 CFR 63.1568(c)(2)]
3202	[40 CFR 63.1569(b)(3)]	Demonstrate initial compliance with the work practice standard in 40 CFR 63.1569(a)(3) by submitting the operation, maintenance, and monitoring plan to DEQ as part of the Notification of Compliance Status. Subpart UUU. [40 CFR 63.1569(b)(3)]
3203	[40 CFR 63.1569(b)(4)]	Submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.1574. Subpart UUU. [40 CFR 63.1569(b)(4)]
3204	[40 CFR 63.1569(c)(2)]	Demonstrate continuous compliance with the work practice standard in 40 CFR 63.1569(a)(2) by complying with the procedures in the operation, maintenance, and monitoring plan. Subpart UUU. [40 CFR 63.1569(c)(2)]
3205	[40 CFR 63.1570(a)]	Be in compliance with all of the non-opacity standards in 40 CFR 63 Subpart UUU during the times specified in 40 CFR 63.6(f)(1). Subpart UUU. [40 CFR 63.1570(a)]
3206	[40 CFR 63.1570(b)]	Be in compliance with the opacity and visible emission limits in 40 CFR 63 Subpart UUU during the times specified in 40 CFR 63.6(h)(1). Subpart UUU. [40 CFR 63.1570(b)]
3207	[40 CFR 63.1570(c)]	Operate and maintain the affected source, including air pollution control and monitoring equipment, according to the provisions in 40 CFR 63.6(e)(1)(i). Subpart UUU. [40 CFR 63.1570(c)]
3208	[40 CFR 63.1570(d)]	Develop a written startup, shutdown, and malfunction plan (SSMP) according to the provisions in 40 CFR 63.6(e)(3). Subpart UUU. [40 CFR 63.1570(d)]
3209	[40 CFR 63.1570(f)]	Report each instance in which the applicable emission limitations, operating limits, and work practice standards in 40 CFR 63 Subpart UUU were not met according to the requirements in 40 CFR 63.1575. Subpart UUU. [40 CFR 63.1570(f)]
3210	[40 CFR 63.1574(a)]	Submit all of the applicable notifications in 40 CFR 63.6(h), 63.7(b) and (c), 63.8(e), 63.8(f)(4), 63.8(f)(6), and 63.9(b) through (h) by the dates specified, except as allowed in 40 CFR 63.1574(a)(1) through (a)(3). Subpart UUU. [40 CFR 63.1574(a)]
3211	[40 CFR 63.1574(d)]	Include the information in 40 CFR 63 Subpart UUU Table 42 in the notification of compliance status report. Subpart UUU. [40 CFR 63.1574(d)]
3212	[40 CFR 63.1574(f)]	Prepare and implement an operation, maintenance, and monitoring plan for each control system and continuous monitoring system for each affected source. In the plan, detail the operation, maintenance, and monitoring procedures for the facility. Submit the plan to DEQ for review and approval along with the notification of compliance status. Submit any changes to DEQ for review and approval and comply with the plan until the change is approved. Include in each plan, at a minimum, the information specified in 40 CFR 63.1574(f)(2)(i) through (f)(2)(xii). Subpart UUU. [40 CFR 63.1574(f)]
3213	[40 CFR 63.1575]	Submit compliance status report: Due semiannually, by the 31st of January and July. Include the information specified in 40 CFR 63.1575(c) through (j), as applicable. Subpart UUU.
3214	[40 CFR 63.1576]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.1576(a) through (f). Keep records in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record, as specified in 40 CFR 63.10(b)(1). Keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). The remaining 3 years may be kept off site. Subpart UUU.

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3215	[40 CFR 63.642(d)(2)]	Submit Notification of the intention to conduct a performance test: Due at least 30 days before the performance test is scheduled. Subpart CC. [40 CFR 63.642(d)(2)]
3216	[40 CFR 63.642(d)(3)]	Conduct performance tests according to the provisions of 40 CFR 63.7(e), except conduct performance tests at maximum representative operating capacity for the process. During the performance test, operate the control device at either maximum or minimum representative operating conditions for monitored control device parameters, whichever results in lower emission reduction. Subpart CC. [40 CFR 63.642(d)(3)]
3217	[40 CFR 63.642(e)]	Keep copies of all applicable reports and records required by 40 CFR 63 Subpart CC for at least 5 years except as otherwise specified in 40 CFR 63 Subpart CC. Maintain all applicable records in such a manner that they can be readily accessed within 24 hours. Subpart CC. [40 CFR 63.642(e)]
3218	[40 CFR 63.642(g)]	Control emissions of organic HAPs to the level represented by the equation in 40 CFR 63.642(g). Subpart CC. [40 CFR 63.642(g)]
3219	[40 CFR 63.642(h)]	Control emissions of organic HAPs to the level represented by the equation in 40 CFR 63.642(g). Subpart CC. [40 CFR 63.642(h)]
3220	[40 CFR 63.654(g)]	Submit Periodic Report: Due no later than 60 days after the end of each 6-month period when any of the compliance exceptions specified in 40 CFR 63.654(g)(1) through (g)(6) occur. Include the information specified in 40 CFR 63.654(g)(1) through (g)(8). Subpart CC. [40 CFR 63.654(g)]
3221	[40 CFR 63.654(h)(1)]	Submit reports of startup, shutdown, and malfunction required by 40 CFR 63.10(d)(5). Subpart CC. [40 CFR 63.654(h)(1)]
3222	[40 CFR 63.654(h)(6)]	Submit the information specified in 40 CFR 63.654(h)(6)(i) through (iii), as applicable. Subpart CC. [40 CFR 63.654(h)(6)]
3223	[40 CFR 63.654(i)(2)]	Retain a record of all reported performance test results required under 40 CFR 63.654(f) and (g)(7) as well as a complete test report, as described in 40 CFR 63.654(f)(2)(ii) for each emission point tested. Subpart CC. [40 CFR 63.654(i)(2)]
3224	[40 CFR 63.654(i)(4)]	Retain all information required to be reported under 40 CFR 63.654(a) through (h) for five years. Subpart CC. [40 CFR 63.654(i)(4)]
3225	[40 CFR 63.]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.
3226	[40 CFR 70.5(a)(1)(iii)]	Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
3227	[40 CFR 70.6(a)(3)(iii)(A)]	Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
3228	[40 CFR 70.6(a)(3)(iii)(B)]	Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
3229	[40 CFR 70.6(c)(5)(iv)]	Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
3230	[40 CFR 82.Subpart F]	Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B.

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3231	[LAC 33:III.1103]	Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
3232	[LAC 33:III.1109.B]	Outdoor burning of waste material or other combustible material is prohibited.
3233	[LAC 33:III.1303.B]	Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
3234	[LAC 33:III.1305]	Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
3235	[LAC 33:III.1705]	Do not emit the carbon monoxide waste gas stream from any catalyst regeneration of a petroleum cracking system, petroleum fluid coker, or other petroleum process into the atmosphere unless the waste gas stream is burned in a direct flame afterburner or boiler or is controlled by other means approved by DEQ.
3236	[LAC 33:III.2113.A]	Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
3237	[LAC 33:III.2141.A]	Control emissions of volatile organic compounds from petroleum refinery process unit turnarounds by pumping the liquid contents to storage and depressurizing the processing units to five psig (pounds per square inch gauge) or below before venting to the atmosphere. Control the vapors during the depressurization prior to venting to atmosphere by one of the applicable methods specified in LAC 33:III.2115.A, B, and F.
3238	[LAC 33:III.2141.A]	Keep records and determine compliance as specified in LAC 33:III.2115.I, J, and K.
3239	[LAC 33:III.219]	Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
3240	[LAC 33:III.2901.D]	Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
3241	[LAC 33:III.2901.F]	If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
3242	[LAC 33:III.501.C.6]	Shall comply with all the applicable requirements of 40 CFR 80 - Regulation of Fuels and Fuel Additives, 40 CFR 80.190 thru 415.
3243	[LAC 33:III.5105.A.1]	Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.
3244	[LAC 33:III.5105.A.2]	Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.B.
3245	[LAC 33:III.5105.A.3]	Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
3246	[LAC 33:III.5105.A.4]	Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.
3247	[LAC 33:III.5107.A.2]	Emits Class I and/or Class II TAP less than the MER (facility wide). Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
3248	[LAC 33:III.5107.A.2]	Emits Class III TAP only. Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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3249	[LAC 33:III.5107.A.2]	Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.
3250	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
3251	[LAC 33:III.5107.A]	Submit Annual Emissions Report (TEDI): Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
3252	[LAC 33:III.5107.B.1]	Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
3253	[LAC 33:III.5107.B.2]	Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:I.3923.
3254	[LAC 33:III.5107.B.3]	Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931. Submit notification in the manner provided in LAC 33:I.3923.
3255	[LAC 33:III.5107.B.4]	Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.a.i through B.4.a.viii.
3256	[LAC 33:III.5107.B.5]	Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
3257	[LAC 33:III.5109.C]	Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by DEQ.
3258	[LAC 33:III.5113.A.1]	Submit notification in writing: Due to SPOC not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up.
3259	[LAC 33:III.5113.A.2]	Submit notification in writing: Due to SPOC within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source.

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3260	[LAC 33:III.5113.B.1]	Ensure that all testing done to determine the emission of toxic air pollutants is conducted by qualified personnel.
3261	[LAC 33:III.5113.B.1]	Submit test results: Due in writing to the Office of Environmental Assessment within 45 days after completion of the test. Submit test results signed by the person responsible for the test.
3262	[LAC 33:III.5113.B.2]	Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ.
3263	[LAC 33:III.5113.B.3]	Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants.
3264	[LAC 33:III.5113.B.4]	Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through B.4.e.
3265	[LAC 33:III.5113.B.5]	Analyze samples and determine emissions within 30 days after each emission test has been completed.
3266	[LAC 33:III.5113.B.5]	Submit certified letter: Due to the Office of Environmental Assessment before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test.
3267	[LAC 33:III.5113.B.6]	Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ.
3268	[LAC 33:III.5113.B.7]	Submit notification: Due to the Office of Environmental Assessment at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test.
3269	[LAC 33:III.5113.C.1]	Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence.
3270	[LAC 33:III.5113.C.5.d]	Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters.
3271	[LAC 33:III.5113.C.5.e]	Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii.
3272	[LAC 33:III.5113.C.7]	Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ.
3273	[LAC 33:III.5151.F.1.f]	An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.
3274	[LAC 33:III.5609.A.1.b]	Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.
3275	[LAC 33:III.5609.A.2.b]	Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
3276	[LAC 33:III.5609.A.3.b]	Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.
3277	[LAC 33:III.5609.A]	Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.
3278	[LAC 33:III.5611.B]	During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
3279	[LAC 33:III.5901.A]	Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.

SPECIFIC REQUIREMENTS

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery
Activity Number: PER20040004
Permit Number: 2560-00001-V6
Air - Title V Regular Permit Renewal

UNF0001 Convent Refinery

3280	[LAC 33:III.5907]	Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
3281	[LAC 33:III.5911.A]	Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division.
3282	[LAC 33:III.5911.C]	Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division, within 60 days after the information in the submitted registration is no longer accurate.
3283	[LAC 33:III.905]	Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded.
3284	[LAC 33:III.913]	Provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of emission limits.
3285	[LAC 33:III.917.A]	Where, upon written application of the responsible person or persons, the administrative authority finds that by reason of exceptional circumstances strict conformity with any provisions of these regulations would cause undue hardship, would be unreasonable, impractical or not feasible under the circumstances, the administrative authority may permit a variance from these regulations.
3286	[LAC 33:III.917.B]	No variance may permit or authorize the maintenance of a nuisance, or a danger to public health or safety.
3287	[LAC 33:III.919.D]	Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.
3288	[LAC 33:III.927]	Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:I.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.
3289	[LAC 33:III.929.A]	No person or group of persons shall allow particulate matter or gases to become airborne in amounts which cause the ambient air quality standards to be exceeded.