BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Agency Interest No. 2418
Activity No.: PER20070024

Mr. Chris Chandler
Refinery Manager
ConocoPhillips Company
P.O. Box 176
Belle Chasse, LA 70037

RE: Part 70 Operating Permit Modification, Alliance Refinery, Unit 412 – Offsites (Tank Farm), ConocoPhillips Company, Belle Chasse, Plaquemines Parish, Louisiana

Dear Mr. Chandler:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

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 7th of December, 2010, 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 Agency Interest No. cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2009.

Permit No.: 2513-V5

Sincerely,

Cheryl Sonnier Nolan.
Assistant Secretary

CSN/CMM
cc: EPA Region VI

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

Alliance Refinery; Unit 412 – Offsites
Agency Interest No..: 2418
ConocoPhillips Company
Belle Chasse, Plaquemines Parish, Louisiana

I. Background

ConocoPhillips Company owns and operates the Alliance Refinery, a petroleum refinery located in Belle Chasse, Louisiana. Gulf Oil Company built the refinery in 1970. BP Oil Company owned Alliance Refinery from 1985 until Tosco Corporation (Tosco) purchased it in September 2000. Tosco later became a wholly owned subsidiary of Phillips Petroleum Company on September 17, 2001. On August 30, 2002, Phillips Petroleum Company, including its subsidiary Tosco Corporation, completed a merger with Conoco Inc. to form ConocoPhillips Company. On January 1, 2003, the owner and operator of the Alliance Refinery formally changed from Tosco to ConocoPhillips Company. The processing units in Alliance Refinery operate under several federal Part 70 permits.

Unit 412 – Offsites operates under Permit No. 2513-V4 issued December 7, 2005.

II. Origin

ConocoPhillips Company submitted an application and Emission Inventory Questionnaire (EIQ) dated December 14, 2007, as well as additional information dated December 12, 2008, requesting a Part 70 permit modification.

III. Description

Alliance Refinery produces a wide range of petroleum products from crude oil, such as motor gasoline, jet fuel, diesel fuel, LPG, carbon black feedstock, propane, and coke. It also produces by-product elemental sulfur and petrochemicals such as benzene, toluene, and xylene. The plant is covered by Standard Industrial Classification (SIC) 2911.

Offsites unit includes the tank farm and associated piping, pumping, and tank heating equipment. The tank farm stores various refinery streams in fixed roof, internal floating roof, and external floating roof tanks. Each tank is assumed to be operating throughout the year.

ConocoPhillips Company proposes the following changes:

- Correct emission estimates using updated vapor pressures for the Benzene, Heavy Oils, Other Petrochemical, Swing, and Xylene Caps. These vapor pressures were not transitioned from the Renewal of Permit No. 2513-V2.

- Update the Unit Fugitives, Emission Nos. 412-A-FF and 412-S-FF, to reflect the new component count from the refinery wide retagging project.

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- No physical modifications are being proposed with this modification.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM_{10}	0.29	0.29	-
SO_2	1.06	1.06	-
NO_X	3.86	3.86	-
CO	3.25	3.25	-
VOC*	393.97	424.34	+30.37
Lead	-	<0.01	-

*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs) in TPY:

Pollutant	Before	After	Change
1,3-Butadiene	0.10	0.20	+ 0.10
2,2,4-Trimethylpentane	1.43	1.20	- 0.23
Acetaldehyde	-	<0.01	-
Acrolein	-	<0.01	-
Benzene	13.07	17.87	+ 4.80
Biphenyl	0.02	0.04	+ 0.02
Cresol	0.03	0.04	+ 0.01
Cumene	1.02	1.65	+ 0.63
Ethyl benzene	1.25	1.74	+ 0.49
Formaldehyde	-	<0.01	-
Naphthalene	0.15	0.19	+ 0.04
PAH	-	<0.01	-
Phenol	0.04	0.09	+ 0.05
Toluene	10.16	20.69	+10.53
Xylene (mixed isomers)	6.91	7.32	+ 0.41

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*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs) in TPY:

Pollutant	Before	After	Change
n-Hexane	1.67	2.24	+ 0.57
Total	35.85	53.27	+17.42
Other VOC	358.12	371.07	+12.95

Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs) in TPY:

Pollutant	Before	After	Change
Antimony	-	<0.01	-
Arsenic	-	<0.01	-
Barium	-	<0.01	-
Beryllium	-	<0.01	-
Cadmium	-	<0.01	-
Chromium VI	-	<0.01	-
Copper	-	<0.01	-
Hydrogen Sulfide	3.16	3.16	-
Manganese	-	<0.01	-
Mercury	-	<0.01	-
Nickel	-	<0.01	-
Selenium	-	<0.01	-
Sulfuric Acid	0.01	0.18	+0.17
Zinc	-	<0.01	-
Total	3.17	3.34	+0.17

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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and NESHAP. Prevention of Significant Deterioration does not apply.

This facility is a major source of Hazardous Air Pollutants (HAPs) pursuant to Section 112 of the Clean Air Act Amendments of 1990. This facility is also a major source of Toxic Air Pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Antimony (and compounds), benzene, biphenyl, 1,3-butadiene, ethyl benzene, nickel (and compounds), naphthalene, phenol, and xylene (mixed isomers) emissions (Class I and II) from the facility are above the Minimum Emission Rate (MER) under LAC 33:III.Chapter 51 and are controlled by Maximum Achievable Control Technology (MACT). Impact on air quality will be below Toxic Ambient Air Standards and National Ambient Air Quality Standards.

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 Fed. Reg. 8314 (Feb. 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 public comment on the permit was published in *The Advocate*, Baton Rouge, on XXXXXXXXXX; and in *The Plaquemines Gazette*, Belle Chasse, on XXXXXXXX. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on XXXXXXXXXXX. The draft permit was also submitted to US EPA Region VI on XXXXXXXX (e-mailed). All comments will be considered prior to a final permit decision.

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VII. Effects on Ambient Air

Dispersion Model(s) Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Air Quality Standard (NAAQS)
Benzene	Annual	11.31 $\mu g/m^3$	12.00 $\mu g/m^3$
Biphenyl	8-hour	0.70 $\mu g/m^3$	31.00 $\mu g/m^3$
1,3-Butadiene	Annual	0.21 $\mu g/m^3$	0.92 $\mu g/m^3$
Naphthalene	8-hour	17.80 $\mu g/m^3$	1,190 $\mu g/m^3$
Phenol	8-hour	59.80 $\mu g/m^3$	452.00 $\mu g/m^3$
Toluene	8-hour	7,915.30 $\mu g/m^3$	8,900 $\mu g/m^3$
Xylene	8-hour	3,845 $\mu g/m^3$	10,300 $\mu g/m^3$

VIII. General Condition XVII Activities

General Condition XVII Activities emissions from Unit 412 – Offsites:

Activity ID No.	Activity	Frequency of Activity
GCXVII 1	Unit 412 Laboratory Emissions	156 events/yr

Activity	Total Annual Emissions				
	PM_{10}	SO_2	NO_x	CO	VOC
GCXVII 1	-	-	-	-	0.01

IX. Insignificant Activities

ID No.:	Description	Max Rate or Tank Capacity	Citation
N/A			

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X. Table 1: Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5▲	9	11	13	15	17	2103	2108	2111	2113	2121	2141	22	29*	51*	53*	56	59*
UNF 7	Facility – Unit 412	1	1	1							1		1		1	1		1	1
EQT 91	100-H-1 Coker Charge Storage Heater			1	1	3													
EQT 92	100-T-001 Crude Oil Tank							1								1			
EQT 93	100-T-002 Crude Oil Tank							1								1			
EQT 94	100-T-003 Crude Oil Tank							1								1			
EQT 95	100-T-004 Crude Oil Tank							1								1			
EQT 96	100-T-005 Crude Oil Tank							1								1			
EQT 97	100-T-006 Crude Oil Tank							1								1			
EQT 98	100-T-007 Crude Oil Tank							1								1			
EQT 99	100-T-101 Sour Water Tank							1								1			
EQT 100	100-T-102 Coker Gasoline Tank							1								1			
EQT 101	100-T-103 THD Charge Tank							3								1			
EQT102	100-T-104 Naphtha Tank							1								1			
EQT 103	100-T-105 Naphtha Tank							1								1			
EQT 104	100-T-106 Light Reformate Tank							3								1			
EQT 105	100-T-107 Benzene Tank							1								1			
EQT 106	100-T-108 Benzene Tank							1								1			

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EQT 107	100-T-109 Coker Feed/LCGO Tank							3								1			
EQT 108	100-T-110 FCC Charge Tank							3								1			
EQT 109	100-T-111 FCC Charge Tank							3								1			
EQT 110	100-T-112 FCC Charge Tank							3								1			
EQT 111	100-T-113 Swing Tank							1								1			
EQT 112	100-T-114 Sour Water Tank							1								1			
EQT 113	100-T-125 Slop Oil Tank							1								1			
EQT 114	100-T-126 Slop Oil Tank							1								1			
EQT 115	100-T-127 Coker Charge Tank							3								1			
EQT 116	100-T-128 Coker Charge Tank							3								1			
EQT 117	100-T-130 Carbon Black Feed Tank							3								1			
EQT 118	100-T-200 Gasoline Tank							1								1			
EQT 119	100-T-201 Xylene Tank							1								1			
EQT 120	100-T-202 Gasoline Tank							1								1			
EQT 121	100-T-203 Xylene Tank							3								1			
EQT 122	100-T-204 Alkylate Tank							1								1			
EQT 123	100-T-211 Heavy FCC Gasoline Tank							1								1			
EQT 124	100-T-212 Light FCC Gasoline Tank							1								1			

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		5▲	9	11	13	15	17	2103	2108	2111	2113	2121	2141	22	29*	51*	53*	56	59*
EQT 125	100-T-213 Heavy Reformate Tank							3								1			
EQT 126	100-T-250 Swing Tank							1								1			
EQT 127	100-T-251 Light Raffinate Tank							1								1			
EQT 128	100-T-300 Jet Fuel Tank							3								1			
EQT 129	100-T-301 Jet Fuel Tank							3								1			
EQT 130	100-T-302 Gasoline Tank							1								1			
EQT 131	100-T-303 Gasoline Tank							1								1			
EQT 132	100-T-310 Diesel Tank							3								1			
EQT 133	100-T-311 Diesel Tank							3								1			
EQT 134	100-T-312 Diesel Tank							3								1			
EQT 135	100-T-313 Diesel Tank							3								1			
EQT 136	100-T-325 Heavy Raffinate Tank							3								1			
EQT 137	100-T-326 Swing Tank							1								1			
EQT 138	100-T-350 Diesel Tank							3								1			
EQT 139	100-T-351 Gasoline Tank							1								1			
EQT 140	100-T-400 Benzene Tank							1								1			
EQT 141	100-T-401 Carbon Black Feed Tank							3								1			
EQT 142	100-T-600 Product Dock Waste Tank							1								1			

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ID No.:	Description	LAC 33:III.Chapter																	
		5▲	9	11	13	15	17	2103	2108	2111	2113	2121	2141	22	29*	51*	53*	56	59*
EQT 143	100-T-601 Product Dock Waste Tank							1								1			
EQT 144	100-T-625 Slop Oil Tank							1								1			
EQT 145	100-T-626 Slop Oil Tank							1								1			
EQT 179	408-T-1 Blending Additive Diluent Tank							3								1			
EQT 180	408-T-2 Blending Additive Tank							1								1			
EQT 181	408-T-3 Blending Additive Tank							3								1			
FUG 13	412-A-FF Non-SOCMI Unit Fugitives for Offsites									1		1				1			
FUG 14	412-S-FF SOCMI Unit Fugitives for Offsites									1		1				1			
GRP 43	100-T-B Benzene Cap	1																	
GRP 44	100-T-CO Crude Oil Cap	1																	
GRP 45	100-T-D Distillates Cap	1																	
GRP 46	100-T-G Gasoline Cap	1																	
GRP 47	100-T-HBC Heavy Blending Components Cap	1																	
GRP 48	100-T-HO Heavy Oils Cap	1																	
GRP 49	100-T-LGBC Light Gasoline Blending Components Cap	1																	

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GRP 50	100-T-N Naphtha Cap	1																	
GRP 51	100-T-OP Other Petrochemicals Cap	1																	
GRP 52	100-T-S Swing Cap	1																	
GRP 53	100-T-SG Slop Gasoline Cap	1																	
GRP 54	100-T-SO Slop Oil Cap	1																	
GRP 55	100-T-X Xylenes Cap	1																	

* 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.

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, towers, 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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X. Table 1: Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS								40 CFR 61					40 CFR 63 NESHAP						40 CFR		
		A	K	Ka	Kb	J	VV	XX	GGG	A	J	V	Y	FF	A	F	G	H	Y	CC	64	68	82
UNF 7	Facility – Unit 412	1								1				1	1					1		1	1
EQT 91	100-H-1 Coker Charge Storage Heater					1																	
EQT 92	100-T-001 Crude Oil Tank		3	3	3															1			
EQT 93	100-T-002 Crude Oil Tank		3	3	3															1			
EQT 94	100-T-003 Crude Oil Tank		3	1	3															2			
EQT 95	100-T-004 Crude Oil Tank		3	1	3															2			
EQT 96	100-T-005 Crude Oil Tank		3	3	1															2			
EQT 97	100-T-006 Crude Oil Tank		3	1	3															2			
EQT 98	100-T-007 Crude Oil Tank		3	1	3															2			
EQT 99	100-T-101 Sour Water Tank		3	3	3															1			
EQT 100	100-T-102 Coker Gasoline Tank		3	3	3															1			
EQT 101	100-T-103 THD Charge Tank		3	3	3											1	1						
EQT102	100-T-104 Naphtha Tank		3	3	3															1			
EQT 103	100-T-105 Naphtha Tank		3	3	3															1			
EQT 104	100-T-106 Light Reformate Tank		3	3	3											1	1						
EQT 105	100-T-107 Benzene Tank		3	3	3								3			1	1						

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EQT 106	100-T-108 Benzene Tank		3	3	3								3			1	1						
EQT 107	100-T-109 Coker Feed/LCGO Tank		3	3	3															1			
EQT 108	100-T-110 FCC Charge Tank		3	3	3															1			
EQT 109	100-T-111 FCC Charge Tank		3	3	3															1			
EQT 110	100-T-112 FCC Charge Tank		3	3	3															1			
EQT 111	100-T-113 Swing Tank		3	1	3								3			1	1			1,2			
EQT 112	100-T-114 Sour Water Tank		3	3	1															2			
EQT 113	100-T-125 Slop Oil Tank		3	3	3															1			
EQT 114	100-T-126 Slop Oil Tank		3	3	3															1			
EQT 115	100-T-127 Coker Charge Tank		3	3	3															1			
EQT 116	100-T-128 Coker Charge Tank		3	3	3															1			
EQT 117	100-T-130 Carbon Black Feed Tank		3	3	3															1			
EQT 118	100-T-200 Gasoline Tank		3	3	3															1			
EQT 119	100-T-201 Xylene Tank		3	3	3								3			1	1						
EQT 120	100-T-202 Gasoline Tank		3	3	3															1			
EQT 121	100-T-203 Xylene Tank		3	3	3											1	1						

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EQT 122	100-T-204 Alkylate Tank		3	3	3															1			
EQT 123	100-T-211 Heavy FCC Gasoline Tank		3	3	3															1			
EQT 124	100-T-212 Light FCC Gasoline Tank		3	3	3															1			
EQT 125	100-T-213 Heavy Reformate Tank		3	3	3															1			
EQT 126	100-T-250 Swing Tank		3	3	3								3			1	1			1,2			
EQT 127	100-T-251 Light Raffinate Tank		3	3	3															1			
EQT 128	100-T-300 Jet Fuel Tank		3	3	3															1			
EQT 129	100-T-301 Jet Fuel Tank		3	3	3															1			
EQT 130	100-T-302 Gasoline Tank		3	3	3															1			
EQT 131	100-T-303 Gasoline Tank		3	3	3															1			
EQT 132	100-T-310 Diesel Tank		3	3	3															1			
EQT 133	100-T-311 Diesel Tank		3	3	3															1			
EQT 134	100-T-312 Diesel Tank		3	3	3															1			
EQT 135	100-T-313 Diesel Tank		3	3	3															2			
EQT 136	100-T-325 Heavy Raffinate Tank		3	3	3															1			
EQT 137	100-T-326 Swing Tank		3	3	3								3			1	1			1,2			

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		A	K	Ka	Kb	J	VV	XX	GGG	A	J	V	Y	FF	A	F	G	H	Y	CC	64	68	82
EQT 138	100-T-350 Diesel Tank		3	3	3															1			
EQT 139	100-T-351 Gasoline Tank		3	3	3															1			
EQT 140	100-T-400 Benzene Tank		3	3	3								3			1	1						
EQT 141	100-T-401 Carbon Black Feed Tank		3	3	3															1			
EQT 142	100-T-600 Product Dock Waste Tank		3	3	3															1			
EQT 143	100-T-601 Product Dock Waste Tank		3	3	3															1			
EQT 144	100-T-625 Slop Oil Tank		3	3	3															1			
EQT 145	100-T-626 Slop Oil Tank		3	3	3															1			
EQT 179	408-T-1 Blending Additive Diluent Tank																			3			
EQT 180	408-T-2 Blending Additive Tank																			3			
EQT 181	408-T-3 Blending Additive Tank																			3			
FUG 13	412-A-FF Non-SOCMI Unit Fugitives for Offsites						3		3		3	3								1			
FUG 14	412-S-FF SOCMI Unit Fugitives for Offsites						3		3		1	1				1		1					
GRP 43	100-T-B Benzene Cap																						
GRP 44	100-T-CO Crude Oil Cap																						
GRP 45	100-T-D Distillates Cap																						

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X. Table 1: Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS								40 CFR 61					40 CFR 63 NESHAP						40 CFR		
		A	K	Ka	Kb	J	VV	XX	GGG	A	J	V	Y	FF	A	F	G	H	Y	CC	64	68	82
GRP 46	100-T-G Gasoline Cap																						
GRP 47	100-T-HBC Heavy Blending Components Cap																						
GRP 48	100-T-HO Heavy Oils Cap																						
GRP 49	100-T-LGBC Light Gasoline Blending Components Cap																						
GRP 50	100-T-N Naphtha Cap																						
GRP 51	100-T-OP Other Petrochemicals Cap																						
GRP 52	100-T-S Swing Cap																						
GRP 53	100-T-SG Slop Gasoline Cap																						
GRP 54	100-T-SO Slop Oil Cap																						
GRP 55	100-T-X Xylenes Cap																						

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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, towers, 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 from Exemption Status or Non-Applicability or a Source

ID No:	Requirement	Compliance Method/Provision	Notes
Facility – Unit 412	40 CFR 61.340 Subpart FF– National Emission Standard for Benzene Waste Operations.	Unit has no benzene waste. Refinery has > 10 Mg/yr benzene from waste and must meet control, reporting, and recordkeeping requirements. (See Title V Permit, Unit 308W, Wastewater Treatment Unit.)	
100-H-1 Coker Charge Storage Heater	LAC 33:III.1501 – Emission Standards for Sulfur Dioxide	DOES NOT APPLY. Heater emits less than 5 TPY of SO_2.	
100-T-001, 100-T-002 Crude Oil Tank	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
100-T-003, 100-T-004, 100-T-006, and 100-T-007 Crude Oil Tank	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank has not been constructed, modified or reconstructed from 6/11/73 to 5/19/78.	

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ID No:	Requirement	Compliance Method/Provision	Notes
100-T-003, 100-T-004, 100-T-006, and 100-T-007 Crude Oil Tank (Continued)	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	40 CFR 63 Subpart CC – National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries	EXEMPT Group 2 storage vessels subject to the control requirements of 40 CFR 60 Subpart Ka are required to comply only with the provisions of 40 CFR 60 Subpart Ka, except as provided for in paragraphs 63.640(n)(9)(i) through (n)(9)(iv).	
100-T-005 Crude Oil Tank	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank has not been constructed, modified or reconstructed from 6/11/73 to 5/19/78.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank has not been constructed, modified or reconstructed from 5/18/78 to 7/23/84.	
	40 CFR 63 Subpart CC – National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries	EXEMPT Group 2 storage vessel subject to the control requirements of 40 CFR 60 Subpart Kb are required to comply only with 40 CFR 60 Subpart Kb except as provided in paragraph 63.640(n)(8).	

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ID No:	Requirement	Compliance Method/Provision	Notes
100-T-101, 100-T-102 Slop Gasoline	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
100-T-103, 100-T-106 Other Petrochemical and Lt. Reformate	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	

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ID No:	Requirement	Compliance Method/Provision	Notes
100-T-103, 100-T-106 Other Petrochemical and Lt. Reformate (Continued)	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank greater than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	
100-T-104, 100-T-105 Naphtha Storage Tank	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	

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ID No:	Requirement	Compliance Method/Provision	Notes
100-T-107, 100-T-108, 100-T-400 Benzene	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	40 CFR 61 Subpart Y – Nation al Emissions Standard for Benzene Emissions From Benzene Storage Vessels	DOES NOT APPLY. A Group 1 storage vessel that is also subject to the provisions of 40 CFR Part 61, Subpart Y is required to comply only with Hazardous Organic NESHAP (HON). [40 CFR 63.110(b)(2)]	

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XI. Explanation from Exemption Status or Non-Applicability or a Source

ID No:	Requirement	Compliance Method/Provision	Notes
100-T-109 Distillates	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank greater than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	
100-T-110, 100-T-111, 100-T-112, 100-T-127, 100-T-128 Heavy Oil Tanks	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	

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ID No:	Requirement	Compliance Method/Provision	Notes
100-T-110, 100-T-111, 100-T-112, 100-T-127, 100-T-128 Heavy Oil Tanks (Continued)	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank greater than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	
100-T-113 Swing Tank	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank has not been constructed, modified or reconstructed from 6/11/73 to 5/19/78.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	EXEMPT Group 1 storage vessel that is also subject to the provisions of 40 CFR 60 Subpart K or Ka is required to only comply with the provisions of 40 CFR 63 Subpart CC.	During times when tank is associated with petroleum refining process units. tank is exempt from Ka per overlap provisions of 40 CFR 63 Subpart CC
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	40 CFR 61 Subpart Y – Nation al Emissions Standard for Benzene Emissions From Benzene Storage Vessels	DOES NOT APPLY. A Group 1 storage vessel that is also subject to the provisions of 40 CFR Part 63 Subpart F is required to comply only with Hazardous Organic NESHAP (HON). [40 CFR 63.110(b)(2)]	

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XI. Explanation from Exemption Status or Non-Applicability or a Source

ID No:	Requirement	Compliance Method/Provision	Notes
100-T-113 Swing Tank (Continued)	40 CFR 63 Subpart CC National Emission Standards HAPs from Petroleum Refineries	EXEMPT Source is associated with SOCMI process instead of refinery process	Exempt during times when tank is associated with SOCMI process units.
100-T-114 Slop Gasoline	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank has not been constructed, modified or reconstructed from 6/11/73 to 5/19/78.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank has not been constructed, modified or reconstructed from 5/18/78 to 7/23/84.	
	40 CFR 63 Subpart CC – National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries	EXEMPT Group 2 storage vessel subject to the control requirements of 40 CFR 60 Subpart Kb are required to comply only with 40 CFR 60 Subpart Kb except as provided in paragraph 63.640(n)(8).	
100-T-125, 100-T-126 Slop Oil	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	

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XI. Explanation from Exemption Status or Non-Applicability or a Source

ID No:	Requirement	Compliance Method/Provision	Notes
100-T-130 Heavy Oils	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank has not been constructed, modified or reconstructed from 6/11/73 to 5/19/78.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank does not store a petroleum liquid as defined in 40 CFR 60.111a.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank greater than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	
100-T-200, 100-T-202, 100-T-204, 100-T-211, 100-T-212, Lt. Gasoline Blending Components and Distillates Tank	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	

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XI. Explanation from Exemption Status or Non-Applicability or a Source

ID No:	Requirement	Compliance Method/Provision	Notes
Lt. Gasoline Blending Components and Distillates Tank (Continued)	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
100-T-201 Xylene Tank	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	40 CFR 61 Subpart Y – Nation al Emissions Standard for Benzene Emissions From Benzene Storage Vessels	DOES NOT APPLY. A Group 1 storage vessel that is also subject to the provisions of 40 CFR Part 63 Subpart F is required to comply only with Hazardous Organic NESHAP (HON). [40 CFR 63.110(b)(2)]	
100-T-203 Xylene Tank	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	

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ID No:	Requirement	Compliance Method/Provision	Notes
100-T-203 Xylene Tank (Continued)	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank greater than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	
100-T-213, 100-T-325 Heavy Blending Components	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	

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ID No:	Requirement	Compliance Method/Provision	Notes
100-T-213, 100-T-325, Heavy Blending Components (Continued)	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank greater than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	
100-T-250, 100-T-326 Swing Tank	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	40 CFR 61 Subpart Y – Nation al Emissions Standard for Benzene Emissions From Benzene Storage Vessels 40 CFR 63 Subpart CC National Emission Standards HAPs from Petroleum Refineries	DOES NOT APPLY. A Group 1 storage vessel that is also subject to the provisions of 40 CFR Part 63, Subpart F is required to comply only with Hazardous Organic NESHAP (HON). [40 CFR 63.110(b)(2)] EXEMPT Source is associated with SOCMI process instead of refinery process	Exempt during times when tank is associated with SOCMI process units.
100-T-251, 100-T-302, 100-T-303, 100-T-351 Gasoline	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	

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ID No:	Requirement	Compliance Method/Provision	Notes
100-T-251, 100-T-302, 100-T-303, 100-T-351 Gasoline (Continued)	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
100-T-300, 100-T-301 Distillates	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank greater than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	

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ID No:	Requirement	Compliance Method/Provision	Notes
100-T-310, 100-T-311, 100-T-312, 100-T-350 Distillates	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank greater than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	
100-T-313 Distillates	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank has not been constructed, modified or reconstructed from 6/11/73 to 5/19/78.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank has not been constructed, modified or reconstructed from 5/18/78 to 7/23/84.	

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Alliance Refinery; Unit 412 – Offsites
Agency Interest No. 2418
ConocoPhillips Company
Belle Chasse, Plaquemines Parish, Louisiana

XI. Explanation from Exemption Status or Non-Applicability or a Source

ID No:	Requirement	Compliance Method/Provision	Notes
100-T-313 Distillates (Continued)	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank stores a volatile organic liquid with a true vapor pressure less than 3.5 kPA (0.51 psia).	
	40 CFR 63 Subpart CC – National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries	EXEMPT Group 2 storage vessel subject to the control requirements of 40 CFR 60 Subpart Kb are required to comply only with 40 CFR 60 Subpart Kb except as provided in paragraph 63.640(n)(8).	
	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank greater than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	
100-T-401 Heavy Oils	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank greater than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Alliance Refinery; Unit 412 – Offsites
Agency Interest No. 2418
ConocoPhillips Company
Belle Chasse, Plaquemines Parish, Louisiana

XI. Explanation from Exemption Status or Non-Applicability or a Source

ID No:	Requirement	Compliance Method/Provision	Notes
100-T-600 100-T-601 Crude Oil and Slop Oil	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	
100-T-625 100-T-626 Slop Oil	40 CFR 60 Subpart K - Standards of Performance for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	DOES NOT APPLY. Tank was constructed prior to June 11, 1973.	
	40 CFR 60 Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	
	40 CFR 60 Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	DOES NOT APPLY. Tank was constructed prior to July 23, 1984.	

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Alliance Refinery; Unit 412 – Offsites
Agency Interest No. 2418
ConocoPhillips Company
Belle Chasse, Plaquemines Parish, Louisiana

XI. Explanation from Exemption Status or Non-Applicability or a Source

ID No:	Requirement	Compliance Method/Provision	Notes
408-T-1, Blending Additive Diluent	40 CFR 63 Subpart CC – National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries	DOES NOT APPLY. Tank capacity is less than 10,000 gallons.	
	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank less than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	
408-T-2 Blending Additive	40 CFR 63 Subpart CC – National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries	DOES NOT APPLY. Tank capacity is less than 10,000 gallons.	
408-T-3 Blending Additive	40 CFR 63 Subpart CC – National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries	DOES NOT APPLY. Tank capacity is less than 10,000 gallons.	
	LAC 33:III.2103 – Storage of Volatile Organic Compounds	DOES NOT APPLY. Tank less than 40,000 gallons storing a volatile organic compound having a maximum true vapor pressure of less than 1.5 psia.	
412-A-FF NON-SOCMI Unit Fugitives	40 CFR 60 Subpart VV - Standard of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry	DOES NOT APPLY. Fugitive components are not associated with SOCMI Units.	
	40 CFR 60 Subpart GGG - Standard of Performance for Equipment Leaks of VOC in Petroleum Refineries	DOES NOT APPLY. Source not constructed or modified after January 4, 1983.	
	40 CFR 61 Subpart J – National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene	DOES NOT APPLY. Fugitive components do not have streams which contain greater than or equal to 10% benzene.	

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Alliance Refinery; Unit 412 – Offsites
Agency Interest No. 2418
ConocoPhillips Company
Belle Chasse, Plaquemines Parish, Louisiana

XI. Explanation from Exemption Status or Non-Applicability or a Source

ID No:	Requirement	Compliance Method/Provision	Notes
412-A-FF NON-SOCMI Unit Fugitives (Continued)	40 CFR 61 Subpart V – National Emission Standard for Equipment Leaks (Fugitive Emission Sources)	DOES NOT APPLY. Fugitive components do not have streams which contain greater than or equal to 10% wt VHAP.	
412-S-FF SOCMI Unit Fugitives	40 CFR 60 Subpart VV - Standard of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry	DOES NOT APPLY. Source not constructed or modified after January 5, 1981.	
	40 CFR 60 Subpart GGG - Standard of Performance for Equipment Leaks of VOC in Petroleum Refineries	DOES NOT APPLY. Source not constructed or modified after January 4, 1983.	

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General Information

AI ID: 2418 ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

Also Known As:

ID	Name	User Group	Start Date
RAL-021	Regulated Asbestos Landfill	Asbestos	12-21-2006
2240-00003	ConocoPhillips Co - Alliance Refinery	CDS Number	09-01-2000
34-0896398	Federal Tax ID	Federal Tax ID	11-21-1999
LAD056024391	ConocoPhillips Co - Alliance Refinery	Hazardous Waste Notification	10-01-2002
PMT/PC/CA	GPRA Baselines	Hazardous Waste Permitting	10-01-1997
LA0003115	LPDES #	LPDES Permit #	05-22-2003
WP0430	LWDPS #	LWDPS Permit #	06-25-2003
NOT IN CDS	Alliance Refunit 301 Boilers	Multimedia	04-06-2000
	Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
LA-5199-L01	Radioactive Material License	Radiation License Number	10-02-2000
7306	X-Ray Registration Number	Radiation X-ray Registration Number	01-01-2003
GDT-075-2115	SW ID#	Solid Waste Facility No.	04-30-2001
103630	Alliance Refunit 301 Boilers	TEMPO Merge	07-01-2003
17242	Tosco Refining Co - Alliance Refinery	TEMPO Merge	01-21-2001
19958	BP Oil Co - Alliance Refinery	TEMPO Merge	11-01-2000
36536	BP Amoco Oil Co - Alliance Refinery	TEMPO Merge	01-21-2001
44960	BP Oil Co - Alliance Refinery	TEMPO Merge	10-02-2001
47224	BP Oil Inc - Alliance Refinery	TEMPO Merge	11-01-2000
70037BPMRCHIGHW	TRI #	Toxic Release Inventory	07-09-2004
70037LLNCRHIGHW	TRI #	Toxic Release Inventory	07-09-2004
316	WPC PTS No	Water Permitting	11-21-1999

Physical Location: 15551 Hwy 23 12 Mi S of
Belle Chasse, LA 70037

Main Phone: 5046567711

Mailing Address: PO Box 176
Belle Chasse, LA 700370176

Location of Front Gate: 29° 24' 37" 43 hundredths latitude, 89° 35' 12" 55 hundredths longitude, Coordinate Method: Lat.\Long. - DMS, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Chris Chandler	PO Box 176 Belle Chasse, LA 700370176	Chris.Chandler@cor	Responsible Official for
Chris Chandler	PO Box 176 Belle Chasse, LA 700370176	5046567711 (WP)	Responsible Official for
Laurence Poche	PO Box 176 Belle Chasse, LA 700370176	5046563212 (WP)	Air Permit Contact For
Laurence Poche	PO Box 176 Belle Chasse, LA 700370176	Larry.R.Poche@con	Hazardous Waste Permit Contact For
Laurence Poche	PO Box 176 Belle Chasse, LA 700370176	5046563212 (WP)	Hazardous Waste Permit Contact For

TPOR0148

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General Information

AI ID: 2418 ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Laurence Poche	PO Box 176 Belle Chasse, LA 700370176	Larry.R.Poche@con	Emission Inventory Contact for
Laurence Poche	PO Box 176 Belle Chasse, LA 700370176	5046563212 (WP)	Emission Inventory Contact for
Laurence Poche	PO Box 176 Belle Chasse, LA 700370176	Larry.R.Poche@con	Katrina Response Contact for
Laurence Poche	PO Box 176 Belle Chasse, LA 700370176	5046563212 (WP)	Katrina Response Contact for
Laurence Poche	PO Box 176 Belle Chasse, LA 700370176	Larry.R.Poche@con	Air Permit Contact For
Laurence Poche	PO Box 176 Belle Chasse, LA 700370176	Larry.R.Poche@con	Water Permit Contact For
Laurence Poche	PO Box 176 Belle Chasse, LA 700370176	5046563212 (WP)	Water Permit Contact For
Dwayne Sibille	PO Box 176 Belle Chasse, LA 700370176	5046563373 (WP)	Radiation Safety Officer for
Dwayne Sibille	PO Box 176 Belle Chasse, LA 700370176	5046563466 (WF)	Radiation Safety Officer for
Dwayne Sibille	PO Box 176 Belle Chasse, LA 700370176	5046563373 (WP)	Radiation Contact For
Dwayne Sibille	PO Box 176 Belle Chasse, LA 700370176	5046563466 (WF)	Radiation Contact For
Robert Villio	PO Box 176 Belle Chasse, LA 700370176	5046563466 (WF)	Accident Prevention Billing Party for
Robert Villio	PO Box 176 Belle Chasse, LA 700370176	5046567711 (WP)	Accident Prevention Billing Party for

Related Organizations:

Name	Address	Phone (Type)	Relationship
ConocoPhillips Co	Westlake 2 - 8070 D Houston, TX 770791175	7138708019 (WP)	Operates
ConocoPhillips Co	Westlake 2 - 8070 D Houston, TX 770791175	7138708019 (WP)	Owns
ConocoPhillips Co - Alliance Refinery	Attn: Environmental Department Belle Chasse, LA 700370176	5046563244 (WP)	Air Billing Party for
ConocoPhillips Co - Alliance Refinery	Attn: Environmental Department Belle Chasse, LA 700370176	5046563369 (WF)	Air Billing Party for
ConocoPhillips Co - Alliance Refinery	Attn: Environmental Department Belle Chasse, LA 700370176	5046563244 (WP)	Solid Waste Billing Party for
ConocoPhillips Co - Alliance Refinery	Attn: Environmental Department Belle Chasse, LA 700370176	5046563244 (WP)	Radiation License Billing Party for
ConocoPhillips Co - Alliance Refinery	Attn: Environmental Department Belle Chasse, LA 700370176	5046563369 (WF)	Radiation License Billing Party for
ConocoPhillips Co - Alliance Refinery	Attn: Environmental Department Belle Chasse, LA 700370176	5046563244 (WP)	Emission Inventory Billing Party
ConocoPhillips Co - Alliance Refinery	Attn: Environmental Department Belle Chasse, LA 700370176	5046563369 (WF)	Emission Inventory Billing Party
ConocoPhillips Co - Alliance Refinery	Attn: Environmental Department Belle Chasse, LA 700370176	5046563369 (WF)	Radiation Registration Billing Party for
ConocoPhillips Co - Alliance Refinery	Attn: Environmental Department Belle Chasse, LA 700370176	5046563244 (WP)	Radiation Registration Billing Party for
ConocoPhillips Co - Alliance Refinery	Attn: Environmental Department Belle Chasse, LA 700370176	5046563369 (WF)	Solid Waste Billing Party for

NAIC Codes: 32411, Petroleum Refineries

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General Information

AI ID: 2418 ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

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: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Unit 412 - Offsites						
EQT 0091	100-H-1 - COKER CHARGE STORAGE HEATER		10.8 MM BTU/hr	9 MM BTU/hr		8760 hr/yr
EQT 0092	100-T-001 - CRUDE OIL TANK	8.19 million gallons		1533.17 MM gallons/yr		8760 hr/yr
EQT 0093	100-T-002 - CRUDE OIL TANK	8.19 million gallons		1533.17 MM gallons/yr		8760 hr/yr
EQT 0094	100-T-003 - CRUDE OIL TANK	8.19 million gallons		613.43 MM gallons/yr		8760 hr/yr
EQT 0095	100-T-004 - CRUDE OIL TANK	8.19 million gallons		613.43 MM gallons/yr		8760 hr/yr
EQT 0096	100-T-005 - CRUDE OIL TANK	8.19 million gallons		613.43 MM gallons/yr		8760 hr/yr
EQT 0097	100-T-006 - CRUDE OIL TANK	8.19 million gallons		613.43 MM gallons/yr		8760 hr/yr
EQT 0098	100-T-007 - CRUDE OIL TANK	8.19 million gallons		613.43 MM gallons/yr		8760 hr/yr
EQT 0099	100-T-101 - SOUR WATER TANK	1.51 million gallons		303.61 MM gallons/yr		8760 hr/yr
EQT 0100	100-T-102 - COKER GASOLINE TANK	1.51 million gallons		44.3 MM gallons/yr		8760 hr/yr
EQT 0101	100-T-103 - THD CHARGE TANK	1.26 million gallons		55.44 MM gallons/yr		8760 hr/yr
EQT 0102	100-T-104 - NAPHTHA TANK	6.43 million gallons		674.73 MM gallons/yr		8760 hr/yr
EQT 0103	100-T-105 - NAPHTHA TANK	6.43 million gallons		674.73 MM gallons/yr		8760 hr/yr
EQT 0104	100-T-106 - LIGHT REFORMATE TANK	3.53 million gallons		55.44 MM gallons/yr		8760 hr/yr
EQT 0105	100-T-107 - BENZENE TANK	168000 gallons		54 MM gallons/yr		8760 hr/yr
EQT 0106	100-T-108 - BENZENE TANK	168000 gallons		54 MM gallons/yr		8760 hr/yr
EQT 0107	100-T-109 - COKER FEED/LCGO TANK	6.47 million gallons		383.55 MM gallons/yr		8760 hr/yr
EQT 0108	100-T-110 - FCC CHARGE TANK	8.69 million gallons		612.93 MM gallons/yr		8760 hr/yr
EQT 0109	100-T-111 - FCC CHARGE TANK	8.69 million gallons		612.93 MM gallons/yr		8760 hr/yr
EQT 0110	100-T-112 - FCC CHARGE TANK	8.69 million gallons		612.93 MM gallons/yr		8760 hr/yr
EQT 0111	100-T-113 - SWING TANK	7.52 million gallons		674.36 MM gallons/yr		8760 hr/yr
EQT 0112	100-T-114 - SOUR WATER TANK	5.88 million gallons		303.41 MM gallons/yr		8760 hr/yr
EQT 0113	100-T-125 - SLOP OIL TANK	504000 gallons		27.57 MM gallons/yr		8760 hr/yr
EQT 0114	100-T-126 - SLOP OIL TANK	504000 gallons		27.57 MM gallons/yr		8760 hr/yr

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INVENTORIES

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Unit 412 - Offsites						
EQT 0115	100-T-127 - COKER CHARGE TANK	4.03 million gallons		368.12 MM gallons/yr		8760 hr/yr
EQT 0116	100-T-128 - COKER CHARGE TANK	4.03 million gallons		368.12 MM gallons/yr		8760 hr/yr
EQT 0117	100-T-130 - CARBON BLACK FEED STOCK TANK	462000 gallons		1.85 MM gallons/yr		8760 hr/yr
EQT 0118	100-T-200 - GASOLINE TANK	8.53 million gallons		110.84 MM gallons/yr		8760 hr/yr
EQT 0119	100-T-201 - XYLENE TANK	2.02 million gallons		49 MM gallons/yr		8760 hr/yr
EQT 0120	100-T-202 - GASOLINE TANK	8.48 million gallons		294.39 MM gallons/yr		8760 hr/yr
EQT 0121	100-T-203 - XYLENE TANK	2.02 million gallons		49 MM gallons/yr		8760 hr/yr
EQT 0122	100-T-204 - ALKYLATE TANK	8.48 million gallons		294.39 MM gallons/yr		8760 hr/yr
EQT 0123	100-T-211 - HEAVY FCC GASOLINE TANK	8.53 million gallons		956.65 MM gallons/yr		8760 hr/yr
EQT 0124	100-T-212 - LIGHT FCC GASOLINE TANK	8.53 million gallons		956.65 MM gallons/yr		8760 hr/yr
EQT 0125	100-T-213 - HEAVY REFORMATE TANK	4.2 million gallons		956.65 MM gallons/yr		8760 hr/yr
EQT 0126	100-T-250 - SWING TANK	2.1 million gallons		183.96 MM gallons/yr		8760 hr/yr
EQT 0127	100-T-251 - LIGHT RAFFINATE TANK	2.1 million gallons		3237.78 MM gallons/yr		8760 hr/yr
EQT 0128	100-T-300 - JET FUEL TANK	8.53 million gallons		386.23 MM gallons/yr		8760 hr/yr
EQT 0129	100-T-301 - JET FUEL TANK	8.53 million gallons		386.23 MM gallons/yr		8760 hr/yr
EQT 0130	100-T-302 - GASOLINE TANK	4.54 million gallons		1618.45 MM gallons/yr		8760 hr/yr
EQT 0131	100-T-303 - GASOLINE TANK	4.54 million gallons		3102.89 MM gallons/yr		8760 hr/yr
EQT 0132	100-T-310 - DIESEL TANK	8.69 million gallons		441.66 MM gallons/yr		8760 hr/yr
EQT 0133	100-T-311 - DIESEL TANK	8.69 million gallons		441.66 MM gallons/yr		8760 hr/yr
EQT 0134	100-T-312 - DIESEL TANK	6.47 million gallons		441.76 MM gallons/yr		8760 hr/yr
EQT 0135	100-T-313 - DIESEL TANK	9.91 million gallons		441.08 MM gallons/yr		8760 hr/yr
EQT 0136	100-T-325 - HEAVY RAFFINATE TANK	1.55 million gallons		956.65 MM gallons/yr		8760 hr/yr
EQT 0137	100-T-326 - SWING TANK	1.55 million gallons		189.99 MM gallons/yr		8760 hr/yr
EQT 0138	100-T-350 - DIESEL TANK	2.14 million gallons		3679.1 MM gallons/yr		8760 hr/yr

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INVENTORIES

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Unit 412 - Offsites						
EQT 0139	100-T-351 - GASOLINE TANK	2.1 million gallons		3679.2 MM gallons/yr		8760 hr/yr
EQT 0140	100-T-400 - BENZENE TANK	4.24 million gallons		108 MM gallons/yr		8760 hr/yr
EQT 0141	100-T-401 - CARBON BLACK FEED STOCK TANK	6.01 million gallons		77.48 MM gallons/yr		8760 hr/yr
EQT 0142	100-T-600 - PRODUCT DOCK WASTE TANK	1.72 million gallons		114.17 MM gallons/yr		8760 hr/yr
EQT 0143	100-T-601 - PRODUCT DOCK WASTE TANK	1.72 million gallons		114.17 MM gallons/yr		8760 hr/yr
EQT 0144	100-T-625 - SLOP OIL TANK	168000 gallons		7.69 MM gallons/yr		8760 hr/yr
EQT 0145	100-T-626 - SLOP OIL TANK	168000 gallons		7.69 MM gallons/yr		8760 hr/yr
EQT 0179	408-T-1 - BLENDING ADDITIVE DILUENT TANK	764 gallons		8358 gallons/yr		8760 hr/yr
EQT 0180	408-T-2 - BLENDING ADDITIVE TANK	420 gallons		4410 gallons/yr		8760 hr/yr
EQT 0181	408-T-3 - BLENDING ADDITVE TANK	126 gallons		1386 gallons/yr		8760 hr/yr
FUG 0013	412-A-FF - NON-SOCMI UNIT FUGITIVES FOR OFFSITE					8760 hr/yr
FUG 0014	412-S-FF - SOCMI UNIT FUGITIVES FOR OFFSITE					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Unit 412 - Offsites							
EQT 0091	100-H-1 - COKER CHARGE STORAGE HEATER	19.9	3757	2		50	610
EQT 0092	100-T-001 - CRUDE OIL TANK			200		40	
EQT 0093	100-T-002 - CRUDE OIL TANK			200		40	
EQT 0094	100-T-003 - CRUDE OIL TANK			200		40	
EQT 0095	100-T-004 - CRUDE OIL TANK			200		40	
EQT 0096	100-T-005 - CRUDE OIL TANK			200		40	
EQT 0097	100-T-006 - CRUDE OIL TANK			200		40	
EQT 0098	100-T-007 - CRUDE OIL TANK			200		40	
EQT 0099	100-T-101 - SOUR WATER TANK			85		40	
EQT 0100	100-T-102 - COKER GASOLINE TANK			85		40	
EQT 0101	100-T-103 - THD CHARGE TANK			85		40	
EQT 0102	100-T-104 - NAPHTHA TANK			173		40	
EQT 0103	100-T-105 - NAPHTHA TANK			173		40	
EQT 0104	100-T-106 - LIGHT REFORMATE TANK			128		40	
EQT 0105	100-T-107 - BENZENE TANK			34		33.7	

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INVENTORIES

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Unit 412 - Offsites							
EQT 0106	100-T-108 - BENZENE TANK			34		33.7	
EQT 0107	100-T-109 - COKER FEED/LCGO TANK			173		40	
EQT 0108	100-T-110 - FCC CHARGE TANK			200		40	
EQT 0109	100-T-111 - FCC CHARGE TANK			200		40	
EQT 0110	100-T-112 - FCC CHARGE TANK			200		40	
EQT 0111	100-T-113 - SWING TANK			90		40	
EQT 0112	100-T-114 - SOUR WATER TANK			160		40	
EQT 0113	100-T-125 - SLOP OIL TANK			59		32	
EQT 0114	100-T-126 - SLOP OIL TANK			59		32	
EQT 0115	100-T-127 - COKER CHARGE TANK			151		32	
EQT 0116	100-T-128 - COKER CHARGE TANK			151		32	
EQT 0117	100-T-130 - CARBON BLACK FEED STOCK TANK			51.5		32	
EQT 0118	100-T-200 - GASOLINE TANK			200		40	
EQT 0119	100-T-201 - XYLENE TANK			100		42	
EQT 0120	100-T-202 - GASOLINE TANK			200		40	
EQT 0121	100-T-203 - XYLENE TANK			100		42	
EQT 0122	100-T-204 - ALKYLATE TANK			200		40	
EQT 0123	100-T-211 - HEAVY FCC GASOLINE TANK			200		40	
EQT 0124	100-T-212 - LIGHT FCC GASOLINE TANK			200		40	
EQT 0125	100-T-213 - HEAVY REFORMATE TANK			140		40	
EQT 0126	100-T-250 - SWING TANK			100		40	
EQT 0127	100-T-251 - LIGHT RAFFINATE TANK			100		40	
EQT 0128	100-T-300 - JET FUEL TANK			200		40	
EQT 0129	100-T-301 - JET FUEL TANK			200		40	
EQT 0130	100-T-302 - GASOLINE TANK			145		40	
EQT 0131	100-T-303 - GASOLINE TANK			145		40	
EQT 0132	100-T-310 - DIESEL TANK			200		40	
EQT 0133	100-T-311 - DIESEL TANK			200		40	
EQT 0134	100-T-312 - DIESEL TANK			173		40	
EQT 0135	100-T-313 - DIESEL TANK			189		40	
EQT 0136	100-T-325 - HEAVY RAFFINATE TANK			85		42	
EQT 0137	100-T-326 - SWING TANK			85		42	

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INVENTORIES

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Unit 412 - Offsites							
EQT 0138	100-T-350 - DIESEL TANK			100		40	
EQT 0139	100-T-351 - GASOLINE TANK			100		40	
EQT 0140	100-T-400 - BENZENE TANK			140		42	
EQT 0141	100-T-401 - CARBON BLACK FEED STOCK TANK			185		32	
EQT 0142	100-T-600 - PRODUCT DOCK WASTE TANK			110		32	
EQT 0143	100-T-601 - PRODUCT DOCK WASTE TANK			110		32	
EQT 0144	100-T-625 - SLOP OIL TANK			34		32	
EQT 0145	100-T-626 - SLOP OIL TANK			34		32	
EQT 0179	408-T-1 - BLENDING ADDITIVE DILUENT TANK			5		9	
EQT 0180	408-T-2 - BLENDING ADDITIVE TANK			5		6	
EQT 0181	408-T-3 - BLENDING ADDITVE TANK			5		5	

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	Crude Oil Tanks A - Crude Oil Tanks With 63 Subpart CC Requirements
CRG 0002	Common Requirements Group	Crude Oil Tanks B - Crude Oil Tank With 60 Subpart Ka Requirements
CRG 0003	Common Requirements Group	Benzene Tanks - Benzene Tank Requirements
CRG 0004	Common Requirements Group	Distillates Tanks - Distillates Tank Requirements
CRG 0005	Common Requirements Group	Gasoline Tanks - Gasoline Tank Requirements
CRG 0006	Common Requirements Group	LGBC Tanks - LGBC Tank Requirements
CRG 0007	Common Requirements Group	Heavy Oil Tanks - Heavy Blending/Heavy Oil Tank Requirements
CRG 0008	Common Requirements Group	Naphtha Tanks - Naphtha Tank Requirements
CRG 0009	Common Requirements Group	Other Petrochemicals - Other Petrochemicals Tank Requirements
CRG 0010	Common Requirements Group	Slop Gasoline Tanks - Slop Gasoline Tank Requirements
CRG 0011	Common Requirements Group	Slop Oil Tanks A - Slop Oil Tank Requirements w/ IFR's
CRG 0012	Common Requirements Group	Slop Oil Tanks B - Slop Oil Tank Requirements w/ EFR's
GRP 0043	Equipment Group	100-T-B - BENZENE CAP
GRP 0044	Equipment Group	100-T-CO - CRUDE OIL CAP
GRP 0045	Equipment Group	100-T-D - DISTILLATES CAP
GRP 0046	Equipment Group	100-T-G - GASOLINE CAP
GRP 0047	Equipment Group	100-T-HBC - HEAVY BLENDING COMPONENTS CAP
GRP 0048	Equipment Group	100-T-HO - HEAVY OILS CAP

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INVENTORIES

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

Subject Item Groups:

ID	Group Type	Group Description
GRP 0049	Equipment Group	100-T-LGBC - LIGHT GASOLINE BLENDING COMPONENTS CAP
GRP 0050	Equipment Group	100-T-N - NAPHTHA CAP
GRP 0051	Equipment Group	100-T-OP - OTHER PETROCHEMICALS CAP
GRP 0052	Equipment Group	100-T-S - SWING CAP
GRP 0053	Equipment Group	100-T-SG - SLOP GASOLINE CAP
GRP 0054	Equipment Group	100-T-SO - SLOP OIL CAP
GRP 0055	Equipment Group	100-T-X - XYLENES CAP
UNF 0007	Unit or Facility Wide	Unit 412 - Unit 412 - Offsites

Group Membership:

ID	Description	Member of Groups
EQT 0092	100-T-001 - CRUDE OIL TANK	CRG0000000001, GRP0000000044
EQT 0093	100-T-002 - CRUDE OIL TANK	CRG0000000001, GRP0000000044
EQT 0094	100-T-003 - CRUDE OIL TANK	CRG0000000002, GRP0000000044
EQT 0095	100-T-004 - CRUDE OIL TANK	CRG0000000002, GRP0000000044
EQT 0096	100-T-005 - CRUDE OIL TANK	GRP0000000044
EQT 0097	100-T-006 - CRUDE OIL TANK	CRG0000000002, GRP0000000044
EQT 0098	100-T-007 - CRUDE OIL TANK	CRG0000000002, GRP0000000044
EQT 0099	100-T-101 - SOUR WATER TANK	CRG0000000010, GRP0000000053
EQT 0100	100-T-102 - COKER GASOLINE TANK	CRG0000000010, GRP0000000053
EQT 0101	100-T-103 - THD CHARGE TANK	CRG0000000009, GRP0000000051
EQT 0102	100-T-104 - NAPHTHA TANK	CRG0000000008, GRP0000000050
EQT 0103	100-T-105 - NAPHTHA TANK	CRG0000000008, GRP0000000050
EQT 0104	100-T-106 - LIGHT REFORMATE TANK	CRG0000000009, GRP0000000051
EQT 0105	100-T-107 - BENZENE TANK	CRG0000000003, GRP0000000043
EQT 0106	100-T-108 - BENZENE TANK	CRG0000000003, GRP0000000043
EQT 0107	100-T-109 - COKER FEED/LCGO TANK	CRG0000000004, GRP0000000045
EQT 0108	100-T-110 - FCC CHARGE TANK	CRG0000000007, GRP0000000048
EQT 0109	100-T-111 - FCC CHARGE TANK	CRG0000000007, GRP0000000048
EQT 0110	100-T-112 - FCC CHARGE TANK	CRG0000000007, GRP0000000048
EQT 0111	100-T-113 - SWING TANK	GRP0000000052
EQT 0113	100-T-125 - SLOP OIL TANK	CRG0000000011, GRP0000000054
EQT 0114	100-T-126 - SLOP OIL TANK	CRG0000000011, GRP0000000054
EQT 0115	100-T-127 - COKER CHARGE TANK	CRG0000000007, GRP0000000048
EQT 0116	100-T-128 - COKER CHARGE TANK	CRG0000000007, GRP0000000048
EQT 0117	100-T-130 - CARBON BLACK FEED STOCK TANK	CRG0000000007, GRP0000000048
EQT 0118	100-T-200 - GASOLINE TANK	CRG0000000006, GRP0000000049
EQT 0119	100-T-201 - XYLENE TANK	GRP0000000055
EQT 0120	100-T-202 - GASOLINE TANK	CRG0000000006, GRP0000000049

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INVENTORIES

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQT 0121	100-T-203 - XYLENE TANK	GRP0000000055
EQT 0122	100-T-204 - ALKYLATE TANK	CRG0000000006, GRP0000000049
EQT 0123	100-T-211 - HEAVY FCC GASOLINE TANK	CRG0000000006, GRP0000000049
EQT 0124	100-T-212 - LIGHT FCC GASOLINE TANK	CRG0000000006, GRP0000000049
EQT 0125	100-T-213 - HEAVY REFORMATE TANK	CRG0000000007, GRP0000000047
EQT 0126	100-T-250 - SWING TANK	GRP0000000052
EQT 0127	100-T-251 - LIGHT RAFFINATE TANK	CRG0000000005, GRP0000000046
EQT 0128	100-T-300 - JET FUEL TANK	CRG0000000004, GRP0000000045
EQT 0129	100-T-301 - JET FUEL TANK	CRG0000000004, GRP0000000045
EQT 0130	100-T-302 - GASOLINE TANK	CRG0000000005, GRP0000000046
EQT 0131	100-T-303 - GASOLINE TANK	CRG0000000005, GRP0000000046
EQT 0132	100-T-310 - DIESEL TANK	CRG0000000004, GRP0000000045
EQT 0133	100-T-311 - DIESEL TANK	CRG0000000004, GRP0000000045
EQT 0134	100-T-312 - DIESEL TANK	CRG0000000004, GRP0000000045
EQT 0135	100-T-313 - DIESEL TANK	CRG0000000004, GRP0000000045
EQT 0136	100-T-325 - HEAVY RAFFINATE TANK	CRG0000000007, GRP0000000047
EQT 0137	100-T-326 - SWING TANK	GRP0000000052
EQT 0138	100-T-350 - DIESEL TANK	CRG0000000004, GRP0000000045
EQT 0139	100-T-351 - GASOLINE TANK	CRG0000000005, GRP0000000046
EQT 0140	100-T-400 - BENZENE TANK	CRG0000000003, GRP0000000043
EQT 0141	100-T-401 - CARBON BLACK FEED STOCK TANK	CRG0000000007, GRP0000000048
EQT 0142	100-T-600 - PRODUCT DOCK WASTE TANK	CRG0000000012, GRP0000000054
EQT 0143	100-T-601 - PRODUCT DOCK WASTE TANK	CRG0000000012, GRP0000000054
EQT 0144	100-T-625 - SLOP OIL TANK	CRG0000000011, GRP0000000054
EQT 0145	100-T-626 - SLOP OIL TANK	CRG0000000011, GRP0000000054

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	0720 Petroleum Refining (Rated Capacity)	1	M bbl/day

SIC Codes:

2911	Petroleum refining	AI 2418
2911	Petroleum refining	UNF 007

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

	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
Unit 412 - Offsites															
EQT 0091 100-H-1	0.74	0.89	3.25	0.88	1.06	3.86	0.07	0.08	0.29	0.24	10.91	1.06	0.05	0.06	0.21
EQT 0092 100-T-001														4.34	
EQT 0093 100-T-002														4.34	
EQT 0094 100-T-003														5.65	
EQT 0095 100-T-004														5.65	
EQT 0096 100-T-005														5.65	
EQT 0097 100-T-006														5.65	
EQT 0098 100-T-007														5.65	
EQT 0099 100-T-101														2.35	
EQT 0100 100-T-102														2.24	
EQT 0101 100-T-103														1.69	
EQT 0102 100-T-104														3.43	
EQT 0103 100-T-105														3.43	
EQT 0104 100-T-106														3.39	
EQT 0105 100-T-107														0.54	
EQT 0106 100-T-108														0.54	
EQT 0107 100-T-109														0.44	
EQT 0108 100-T-110														460.96	
EQT 0109 100-T-111														460.96	
EQT 0110 100-T-112														272.40	
EQT 0111 100-T-113														10.78	
EQT 0112 100-T-114														3.85	
EQT 0113 100-T-125														0.39	

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

	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
Unit 412 - Offsites															
EQT 0114 100-T-126														0.39	
EQT 0115 100-T-127														199.78	
EQT 0116 100-T-128														153.71	
EQT 0117 100-T-130														21.35	
EQT 0118 100-T-200														3.47	
EQT 0119 100-T-201														1.94	
EQT 0120 100-T-202														3.52	
EQT 0121 100-T-203														3.37	
EQT 0122 100-T-204														3.54	
EQT 0123 100-T-211														3.53	
EQT 0124 100-T-212														3.53	
EQT 0125 100-T-213														6.70	
EQT 0126 100-T-250														2.30	
EQT 0127 100-T-251														1.89	
EQT 0128 100-T-300														0.54	
EQT 0129 100-T-301														0.54	
EQT 0130 100-T-302														2.16	
EQT 0131 100-T-303														2.15	
EQT 0132 100-T-310														268.70	
EQT 0133 100-T-311														268.70	
EQT 0134 100-T-312														219.88	
EQT 0135 100-T-313														288.05	
EQT 0136 100-T-325														0.66	

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

	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
Unit 412 - Offsites															
EQT 0137 100-T-326														1.69	
EQT 0138 100-T-350														371.93	
EQT 0139 100-T-351														1.98	
EQT 0140 100-T-400														2.01	
EQT 0141 100-T-401														121.26	
EQT 0142 100-T-600														0.58	
EQT 0143 100-T-601														0.76	
EQT 0144 100-T-625														0.27	
EQT 0145 100-T-626														0.27	
EQT 0179 408-T-1													<0.01	<0.01	0.01
EQT 0180 408-T-2													0.01	0.01	0.05
EQT 0181 408-T-3													0.01	0.01	0.03
FUG 0013 412-A-FF													39.28		172.06
FUG 0014 412-S-FF													6.52		28.57
GRP 0043 100-T-B													0.52		2.26
GRP 0044 100-T-CO													7.53		32.99
GRP 0045 100-T-D													6.18		27.06
GRP 0046 100-T-G													3.43		15.03
GRP 0047 100-T-HBC													2.32		10.17
GRP 0048 100-T-HO													0.20		0.86
GRP 0049 100-T-LGBC													12.25		53.64
GRP 0050 100-T-N													2.43		10.64
GRP 0051 100-T-OP													1.08		4.71

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

	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
Unit 412 - Offsites															
GRP 0052 100-T-S													9.41		41.21
GRP 0053 100-T-SG													3.49		15.28
GRP 0054 100-T-SO													2.03		8.89
GRP 0055 100-T-X													0.15		0.67

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

Emission rates Notes:

EQT 0092	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Crude Oil Cap, Source ID No. 100-T-CO (GRP 44). Which Months: All Year
EQT 0093	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Crude Oil Cap, Source ID No. 100-T-CO (GRP 44). Which Months: All Year
EQT 0094	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Crude Oil Cap, Source ID No. 100-T-CO (GRP 44). Which Months: All Year
EQT 0095	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Crude Oil Cap, Source ID No. 100-T-CO (GRP 44). Which Months: All Year
EQT 0096	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Crude Oil Cap, Source ID No. 100-T-CO (GRP 44). Which Months: All Year
EQT 0097	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Crude Oil Cap, Source ID No. 100-T-CO (GRP 44). Which Months: All Year
EQT 0098	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Crude Oil Cap, Source ID No. 100-T-CO (GRP 44). Which Months: All Year
EQT 0100	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Slop Gasoline Cap, Source ID No. 100-T-SG (GRP 53). Which Months: All Year
EQT 0101	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Other Petrochemicals Cap, Source ID No. 100-T-OP (GRP 51). Which Months: All Year
EQT 0102	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Naphtha Cap, Source ID No. 100-T-N (GRP 50). Which Months: All Year
EQT 0103	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Naphtha Cap, Source ID No. 100-T-N (GRP 50). Which Months: All Year
EQT 0104	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Other Petrochemical Cap, Source ID No. 100-T-OP (GRP 51). Which Months: All Year
EQT 0105	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Benzene Cap, Source ID No. 100-T-B (GRP 43). Which Months: All Year
EQT 0106	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Benzene Cap, Source ID No. 100-T-B (GRP 43). Which Months: All Year
EQT 0107	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Distillates Cap, Source ID No. 100-T-D (GRP 45). Which Months: All Year
EQT 0108	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Heavy Oils Cap, Source ID No. 100-T-HO (GRP 48). Which Months: All Year
EQT 0109	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Heavy Oils Cap, Source ID No. 100-T-HO (GRP 48). Which Months: All Year

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

EQT 0110	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Heavy Oils Cap, Source ID No. 100-T-HO (GRP 48). Which Months: All Year
EQT 0111	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Swing Cap, Source ID No. 100-T-S (GRP 52). Which Months: All Year
EQT 0112	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Slop Gasoline Cap, Source ID No. 100-T-SG (GRP 53). Which Months: All Year
EQT 0113	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Slop Oil Cap, Source ID No 100-T-SO (GRP 54). Which Months: All Year
EQT 0114	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Slop Oil Cap, Source ID No 100-T-SO (GRP 54) Which Months. All Year
EQT 0115	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Heavy Oils Cap, Source ID No. 100-T-HO (GRP 48) Which Months: All Year
EQT 0116	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Heavy Oils Cap, Source ID No. 100-T-HO (GRP 48). Which Months: All Year
EQT 0117	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Heavy Oils Cap, Source ID No. 100-T-HO (GRP 48). Which Months: All Year
EQT 0118	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Light Gasoline Blending Components Cap, Source ID No 100-T-LGBC (GRP 49) Which Months: All Year
EQT 0119	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Xylenes Cap, Source ID No. 100-T-X (GRP 55). In addition, this tank also serves as a backup tank for the Other Petrochemicals Cap, Source ID No. 100-T-OP, and Benzene Cap, Source ID No. 100-T-B Which Months: All Year
EQT 0120	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Light Gasoline Blending Components Cap, Source ID No. 100-T-LGBC (GRP 49) Which Months: All Year
EQT 0121	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Xylenes Cap, Source ID No. 100-T-X (GRP 55). Which Months: All Year
EQT 0122	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Light Gasoline Blending Components Cap, Source ID No. 100-T-LGBC (GRP 49) Which Months: All Year
EQT 0123	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Light Gasoline Blending Components Cap, Source ID No. 100-T-LGBC (GRP 49). Which Months: All Year
EQT 0124	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Light Gasoline Blending Components Cap, Source ID No. 100-T-LGBC (GRP 49). Which Months: All Year
EQT 0125	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Heavy Blending Components Cap, Source ID No. 100-T-HBC (GRP 47). Which Months: All Year
EQT 0126	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Swing Cap, Source ID No. 100-T-S (GRP 52) Which Months: All Year
EQT 0127	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Gasoline Cap, Source ID No 100-T-G (GRP 46). Which Months. All Year
EQT 0128	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Distillates Cap, Source ID No. 100-T-D (GRP 45). Which Months: All Year
EQT 0129	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Distillates Cap, Source ID No. 100-T-D (GRP 45). Which Months: All Year
EQT 0130	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Gasoline Cap, Source ID No. 100-T-G (GRP 46). Which Months: All Year
EQT 0131	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Gasoline Cap, Source ID No 100-T-G (GRP 46) Which Months: All Year
EQT 0132	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Distillates Cap, Source ID No. 100-T-D (GRP 45). Which Months. All Year
EQT 0133	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Distillates Cap, Source ID No. 100-T-D (GRP 45). Which Months: All Year
EQT 0134	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Distillates Cap, Source ID No. 100-T-D (GRP 45) Which Months: All

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EQT 0134			Year
EQT 0135	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Distillates Cap, Source ID No. 100-T-D (GRP 45). Which Months: All Year
EQT 0136	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Heavy Blending Components Cap, Source ID No. 100-T-HBC (GRP 47). Which Months: All Year
EQT 0137	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Swing Cap, Source ID No. 100-T-S (GRP 52). Which Months: All Year
EQT 0138	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Distillates Cap, Source ID No. 100-T-D (GRP 45). Which Months: All Year
EQT 0139	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Gasoline Cap, Source ID No. 100-T-G (GRP 46). Which Months: All Year
EQT 0140	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Benzene Cap, Source ID No. 100-T-B (GRP 43). Which Months: All Year
EQT 0141	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Heavy Oils Cap, Source ID No. 100-T-HO (GRP 48). Which Months: All Year
EQT 0142	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Slop Oil Cap, Source ID No. 100-T-SO (GRP 54). Which Months: All Year
EQT 0143	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Slop Oil Cap, Source ID No. 100-T-SO (GRP 54). Which Months: All Year
EQT 0144	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Slop Oil Cap, Source ID No. 100-T-SO (GRP 54). Which Months: All Year
EQT 0145	VOC	Max lb/hr	This source operates under a cap, and the emissions shall be limited to the rates listed in Slop Oil Cap, Source ID No. 100-T-SO (GRP 54). Which Months: All Year

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0091 100-H-1	Acetaldehyde	<0.01	<0.01	<0.01
	Acrolein	<0.01	<0.01	<0.01
	Antimony (and compounds)	<0.01	<0.01	<0.01
	Arsenic (and compounds)	<0.01	<0.01	<0.01
	Barium (and compounds)	<0.01	<0.01	<0.01
	Benzene	<0.01	<0.01	<0.01
	Beryllium (Table 51.1)	<0.01	<0.01	<0.01
	Cadmium (and compounds)	<0.01	<0.01	<0.01
	Chromium VI (and compounds)	<0.01	<0.01	<0.01
	Copper (and compounds)	<0.01	<0.01	<0.01
	Ethyl benzene	<0.01	<0.01	<0.01
	Formaldehyde	<0.01	<0.01	<0.01
	Lead compounds	<0.01	<0.01	<0.01
	Manganese (and compounds)	<0.01	<0.01	<0.01
	Mercury (and compounds)	<0.01	<0.01	<0.01
	Naphthalene	<0.01	<0.01	<0.01
	Nickel (and compounds)	<0.01	<0.01	<0.01
	Phenol	<0.01	<0.01	<0.01
	Polynuclear Aromatic Hydrocarbons	<0.01	<0.01	<0.01
	Selenium (and compounds)	<0.01	<0.01	<0.01
	Sulfuric acid	0.04	0.05	0.18
	Toluene	<0.01	<0.01	0.01
	Xylene (mixed isomers)	<0.01	<0.01	<0.01
	Zinc (and compounds)	<0.01	<0.01	<0.01
EQT 0092 100-T-001	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		1.20	
	Naphthalene		<0.01	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0092 100-T-001	Phenol		<0.01	
	Toluene		<0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0093 100-T-002	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		1.20	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		<0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0094 100-T-003	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		1.20	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		0.01	
EQT 0095 100-T-004	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.01	

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EQT 0095 100-T-004	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		1.20	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		0.01	
EQT 0096 100-T-005	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		1.20	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		0.01	
EQT 0097 100-T-006	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		1.20	
	Naphthalene		<0.01	
	Phenol		<0.01	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0097 100-T-006	Toluene		0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		0.01	
EQT 0098 100-T-007	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		1.20	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		0.01	
EQT 0099 100-T-101	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		<0.01	
	Naphthalene		<0.01	
	Toluene		<0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0100 100-T-102	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		<0.01	
	Naphthalene		<0.01	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0100 100-T-102	Toluene		<0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0101 100-T-103	Benzene		1.35	
	Cumene		0.01	
	Ethyl benzene		0.04	
	Naphthalene		<0.01	
	Toluene		0.48	
	n-Hexane		0.01	
EQT 0102 100-T-104	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.02	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		0.01	
EQT 0103 100-T-105	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.02	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.01	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0103 100-T-105	Xylene (mixed isomers)		<0.01	
	n-Hexane		0.01	
EQT 0104 100-T-106	Benzene		2.71	
	Cumene		0.01	
	Ethyl benzene		0.08	
	Naphthalene		<0.01	
	Toluene		0.96	
	n-Hexane		0.01	
EQT 0105 100-T-107	Benzene		0.54	
EQT 0106 100-T-108	Benzene		0.54	
EQT 0107 100-T-109	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.02	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EQT 0108 100-T-110	1,3-Butadiene		0.11	
	2,2,4-Trimethylpentane		0.01	
	Benzene		0.21	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		0.02	
	Ethyl benzene		0.06	
	Naphthalene		0.02	
	Phenol		<0.01	
	Toluene		0.42	
	Xylene (mixed isomers)		0.18	
	n-Hexane		0.03	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0109 100-T-111	1,3-Butadiene		0.11	
	2,2,4-Trimethylpentane		0.01	
	Benzene		0.21	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		0.02	
	Ethyl benzene		0.06	
	Naphthalene		0.02	
	Phenol		<0.01	
	Toluene		0.42	
	Xylene (mixed isomers)		0.18	
	n-Hexane		0.03	
EQT 0110 100-T-112	1,3-Butadiene		0.06	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0 13	
	Biphenyl		<0 01	
	Cresol		<0.01	
	Cumene		0.01	
	Ethyl benzene		0.03	
	Naphthalene		0.01	
	Phenol		<0 01	
	Toluene		0.25	
	Xylene (mixed isomers)		0.11	
	n-Hexane		0.02	
EQT 0111 100-T-113	1,3-Butadiene		0.02	
	2,2,4-Trimethylpentane		0.09	
	Benzene		7.84	
	Biphenyl		1.86	
	Cresol		<0.01	
	Cumene		0.16	
	Ethyl benzene		0.07	
	Hydrogen sulfide		<0.01	
	Naphthalene		0 01	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0111 100-T-113	Phenol		0.01	
	Toluene		9.76	
	Xylene (mixed isomers)		10.78	
	n-Hexane		0.14	
EQT 0112 100-T-114	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Hydrogen sulfide		<0.01	
	Naphthalene		<0.01	
	Toluene		<0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		0.01	
EQT 0113 100-T-125	2,2,4-Trimethylpentane		<0.01	
	Benzene		<0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		<0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0114 100-T-126	2,2,4-Trimethylpentane		<0.01	
	Benzene		<0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0114 100-T-126	Toluene		<0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0115 100-T-127	1,3-Butadiene		0.05	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.09	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		0.01	
	Ethyl benzene		0.02	
	Naphthalene		0.01	
	Phenol		<0.01	
	Toluene		0.18	
	Xylene (mixed isomers)		0.08	
	n-Hexane		0.01	
EQT 0116 100-T-128	1,3-Butadiene		0.04	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.07	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		0.01	
	Ethyl benzene		0.02	
	Naphthalene		0.01	
	Phenol		<0.01	
	Toluene		0.14	
	Xylene (mixed isomers)		0.06	
	n-Hexane		0.01	
EQT 0117 100-T-130	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0117 100-T-130	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.02	
	Xylene (mixed isomers)		0.01	
	n-Hexane		<0.01	
EQT 0118 100-T-200	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		0.03	
	Benzene		0.05	
	Biphenyl		<0.01	
	Cumene		0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.07	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0119 100-T-201	Xylene (mixed isomers)		1.94	
EQT 0120 100-T-202	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		0.03	
	Benzene		0.05	
	Biphenyl		<0.01	
	Cumene		0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.07	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0121 100-T-203	Xylene (mixed isomers)		3.37	
EQT 0122 100-T-204	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		0.03	
	Benzene		0.05	

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EQT 0122 100-T-204	Biphenyl		<0.01	
	Cumene		0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.07	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0123 100-T-211	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		0.03	
	Benzene		0.05	
	Biphenyl		<0.01	
	Cumene		0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.07	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0124 100-T-212	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		0.03	
	Benzene		0.05	
	Biphenyl		<0.01	
	Cumene		0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.07	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0125 100-T-213	1,3-Butadiene		0.02	
	2,2,4-Trimethylpentane		0.03	
	Benzene		0.64	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0125 100-T-213	Biphenyl		<0.01	
	Cumene		0.11	
	Ethyl benzene		0.04	
	Naphthalene		<0.01	
	Toluene		0.57	
	Xylene (mixed isomers)		0.16	
	n-Hexane		0.10	
EQT 0126 100-T-250	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		1.75	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		0.03	
	Ethyl benzene		0.02	
	Hydrogen sulfide		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		2.11	
	Xylene (mixed isomers)		2.30	
	n-Hexane		0.03	
EQT 0127 100-T-251	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		0.01	
	Benzene		0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Toluene		0.02	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0128 100-T-300	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.02	
	Biphenyl		<0.01	
	Cresol		<0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0128 100-T-300	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.02	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EQT 0129 100-T-301	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.02	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.02	
	Xylene (mixed isomers)		0.01	
	n-Hexane		0.01	
EQT 0130 100-T-302	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		0.01	
	Benzene		0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Toluene		0.02	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0131 100-T-303	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		0.01	
	Benzene		0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0131 100-T-303	Toluene		0.02	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0132 100-T-310	2,2,4-Trimethylpentane		0.68	
	Benzene		9.08	
	Biphenyl		0.12	
	Cresol		0.05	
	Cumene		1.07	
	Ethyl benzene		2.05	
	Naphthalene		0.28	
	Phenol		0.36	
	Toluene		8.87	
	Xylene (mixed isomers)		7.31	
	n-Hexane		3.54	
EQT 0133 100-T-311	2,2,4-Trimethylpentane		0.68	
	Benzene		9.08	
	Biphenyl		0.12	
	Cresol		0.05	
	Cumene		1.07	
	Ethyl benzene		2.05	
	Naphthalene		0.28	
	Phenol		0.36	
	Toluene		8.87	
	Xylene (mixed isomers)		7.31	
	n-Hexane		3.54	
EQT 0134 100-T-312	2,2,4-Trimethylpentane		0.55	
	Benzene		7.43	
	Biphenyl		0.09	
	Cresol		0.04	
	Cumene		0.87	
	Ethyl benzene		1.68	
	Naphthalene		0.23	
	Phenol		0.29	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0134 100-T-312	Toluene		7.26	
	Xylene (mixed isomers)		5.98	
	n-Hexane		2.90	
EQT 0135 100-T-313	2,2,4-Trimethylpentane		0.73	
	Benzene		9.73	
	Biphenyl		0.12	
	Cresol		0.05	
	Cumene		1.14	
	Ethyl benzene		2.20	
	Naphthalene		0.30	
	Phenol		0.38	
	Toluene		9.51	
	Xylene (mixed isomers)		7.84	
	n-Hexane		3.79	
EQT 0136 100-T-325	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.06	
	Biphenyl		<0.01	
	Cumene		0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Toluene		0.06	
	Xylene (mixed isomers)		0.02	
	n-Hexane		0.01	
EQT 0137 100-T-326	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		1.33	
	Biphenyl		0.30	
	Cresol		<0.01	
	Cumene		0.02	
	Ethyl benzene		0.01	
	Hydrogen sulfide		<0.01	
	Naphthalene		<0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0137 100-T-326	Phenol		<0.01	
	Toluene		1.57	
	Xylene (mixed isomers)		1.69	
	n-Hexane		0.02	
EQT 0138 100-T-350	2,2,4-Trimethylpentane		0.94	
	Benzene		12.57	
	Biphenyl		0.16	
	Cresol		0.07	
	Cumene		1.48	
	Ethyl benzene		2.84	
	Naphthalene		0.39	
	Phenol		0.49	
	Toluene		12.28	
	Xylene (mixed isomers)		10.12	
	n-Hexane		4.90	
EQT 0139 100-T-351	1,3-Butadiene		<0.01	
	2,2,4-Trimethylpentane		0.01	
	Benzene		0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Toluene		0.02	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0140 100-T-400	Benzene		2.01	
EQT 0141 100-T-401	1,3-Butadiene		0.03	
	2,2,4-Trimethylpentane		<0.01	
	Benzene		0.06	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		0.01	
	Naphthalene		0.01	

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0141 100-T-401	Phenol		<0.01	
	Toluene		0.11	
	Xylene (mixed isomers)		0.05	
	n-Hexane		0.01	
EQT 0142 100-T-600	2,2,4-Trimethylpentane		<0.01	
	Benzene		<0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		<0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0143 100-T-601	2,2,4-Trimethylpentane		<0.01	
	Benzene		<0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0144 100-T-625	2,2,4-Trimethylpentane		<0.01	
	Benzene		<0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0144 100-T-625	Phenol		<0.01	
	Toluene		<0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0145 100-T-626	2,2,4-Trimethylpentane		<0.01	
	Benzene		<0.01	
	Biphenyl		<0.01	
	Cresol		<0.01	
	Cumene		<0.01	
	Ethyl benzene		<0.01	
	Naphthalene		<0.01	
	Phenol		<0.01	
	Toluene		<0.01	
	Xylene (mixed isomers)		<0.01	
	n-Hexane		<0.01	
EQT 0179 408-T-1	2,2,4-Trimethylpentane	<0.01	<0.01	<0.01
	Benzene	<0.01	<0.01	<0.01
	Biphenyl	<0.01	<0.01	<0.01
	Cresol	<0.01	<0.01	<0.01
	Cumene	<0.01	<0.01	<0.01
	Ethyl benzene	<0.01	<0.01	<0.01
	Naphthalene	<0.01	<0.01	<0.01
	Phenol	<0.01	<0.01	<0.01
	Toluene	<0.01	<0.01	<0.01
	Xylene (mixed isomers)	<0.01	<0.01	<0.01
	n-Hexane	<0.01	<0.01	<0.01
EQT 0180 408-T-2	1,3-Butadiene	<0.01	<0.01	<0.01
	2,2,4-Trimethylpentane	<0.01	<0.01	<0.01
	Benzene	<0.01	<0.01	<0.01
	Cumene	<0.01	<0.01	<0.01
	Ethyl benzene	<0.01	<0.01	<0.01
	Naphthalene	<0.01	<0.01	<0.01
	Toluene	<0.01	<0.01	<0.01

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0180 408-T-2	Xylene (mixed isomers)	<0.01	<0.01	<0.01
	n-Hexane	<0.01	<0.01	<0.01
EQT 0181 408-T-3	1,3-Butadiene	<0.01	<0.01	<0.01
	2,2,4-Trimethylpentane	<0.01	<0.01	<0.01
	Benzene	<0.01	<0.01	<0.01
	Cumene	<0.01	<0.01	<0.01
	Ethyl benzene	<0.01	<0.01	<0.01
	Naphthalene	<0.01	<0.01	<0.01
	Toluene	<0.01	<0.01	<0.01
	Xylene (mixed isomers)	<0.01	<0.01	<0.01
	n-Hexane	<0.01	<0.01	<0.01
FUG 0013 412-A-FF	2,2,4-Trimethylpentane	0.11		0.49
	Benzene	0.08		0.33
	Biphenyl	<0.01		0.01
	Cresol	0.01		0.03
	Cumene	0.01		0.04
	Ethyl benzene	0.07		0.32
	Naphthalene	0.03		0.12
	Toluene	0.41		1.80
	Xylene (mixed isomers)	0.32		1.41
	n-Hexane	0.12		0.50
FUG 0014 412-S-FF	Benzene	0.45		1.97
	Cumene	0.11		0.46
	Ethyl benzene	0.15		0.64
	Naphthalene	<0.01		<0.01
	Toluene	0.63		2.74
	Xylene (mixed isomers)	0.51		2.23
	n-Hexane	0.07		0.30
GRP 0043 100-T-8	Benzene	0.52		2.26
GRP 0044 100-T-CO	1,3-Buladiene	<0.01		<0.01
	2,2,4-Trimethylpentane	<0.01		0.01
	Benzene	0.01		0.06
	Biphenyl	<0.01		<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0044 100-T-CO	Cresol	<0.01		<0.01
	Cumene	<0.01		<0.01
	Ethyl benzene	<0.01		<0.01
	Hydrogen sulfide	0.72		3.16
	Naphthalene	<0.01		<0.01
	Phenol	<0.01		<0.01
	Toluene	0.01		0.03
	Xylene (mixed isomers)	<0.01		0.01
	n-Hexane	0.01		0.04
GRP 0045 100-T-D	2,2,4-Trimethylpentane	0.02		0.07
	Benzene	0.21		0.91
	Biphenyl	<0.01		0.01
	Cresol	<0.01		<0.01
	Cumene	0.02		0.11
	Ethyl benzene	0.05		0.21
	Naphthalene	0.01		0.03
	Phenol	0.01		0.04
	Toluene	0.20		0.89
	Xylene (mixed isomers)	0.17		0.74
	n-Hexane	0.08		0.36
GRP 0046 100-T-G	1,3-Butadiene	<0.01		<0.01
	2,2,4-Trimethylpentane	0.01		0.04
	Benzene	0.02		0.09
	Cumene	<0.01		<0.01
	Ethyl benzene	<0.01		0.01
	Naphthalene	<0.01		<0.01
	Toluene	0.03		0.12
	Xylene (mixed isomers)	0.01		0.03
	n-Hexane	<0.01		0.02
GRP 0047 100-T-HBC	1,3-Butadiene	0.01		0.03
	2,2,4-Trimethylpentane	0.01		0.05
	Benzene	0.22		0.98
	Biphenyl	<0.01		<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0047 100-T-HBC	Cumene	0.04		0.16
	Ethyl benzene	0.01		0.06
	Naphthalene	<0.01		<0.01
	Toluene	0.20		0.86
	Xylene (mixed isomers)	0.06		0.25
	n-Hexane	0.03		0.15
GRP 0048 100-T-HO	1,3-Butadiene	<0.01		<0.01
	2,2,4-Trimethylpentane	<0.01		<0.01
	Benzene	<0.01		<0.01
	Biphenyl	<0.01		<0.01
	Cresol	<0.01		<0.01
	Cumene	<0.01		<0.01
	Ethyl benzene	<0.01		<0.01
	Naphthalene	<0.01		<0.01
	Phenol	<0.01		<0.01
	Toluene	<0.01		<0.01
	Xylene (mixed isomers)	<0.01		<0.01
	n-Hexane	<0.01		<0.01
GRP 0049 100-T-LGBC	1,3-Butadiene	0.01		0.06
	2,2,4-Trimethylpentane	0.11		0.50
	Benzene	0.19		0.81
	Biphenyl	<0.01		<0.01
	Cumene	0.05		0.21
	Ethyl benzene	0.02		0.07
	Naphthalene	<0.01		<0.01
	Phenol	<0.01		<0.01
	Toluene	0.25		1.11
	Xylene (mixed isomers)	0.07		0.32
	n-Hexane	0.04		0.19
GRP 0050 100-T-N	1,3-Butadiene	<0.01		<0.01
	2,2,4-Trimethylpentane	<0.01		<0.01
	Benzene	0.01		0.05
	Biphenyl	<0.01		<0.01

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
GRP 0050 100-T-N	Cresol	<0.01		<0.01
	Cumene	<0.01		<0.01
	Ethyl benzene	<0.01		<0.01
	Hydrogen sulfide	<0.01		<0.01
	Naphthalene	<0.01		<0.01
	Phenol	<0.01		<0.01
	Toluene	0.01		0.02
	Xylene (mixed isomers)	<0.01		0.01
	n-Hexane	0.01		0.03
GRP 0051 100-T-OP	Benzene	0.86		3.77
	Cumene	<0.01		0.02
	Ethyl benzene	0.02		0.11
	Naphthalene	<0.01		<0.01
	Toluene	0.31		1.34
	n-Hexane	<0.01		0.02
GRP 0052 100-T-S	1,3-Butadiene	0.02		0.10
	2,2,4-Trimethylpentane	<0.01		0.02
	Benzene	1.50		6.57
	Biphenyl	<0.01		0.02
	Cresol	<0.01		0.01
	Cumene	0.15		0.65
	Ethyl benzene	0.07		0.31
	Naphthalene	0.01		0.04
	Phenol	0.01		0.05
	Toluene	2.67		11.69
	Xylene (mixed isomers)	0.37		1.63
	n-Hexane	0.13		0.59
GRP 0053 100-T-SG	1,3-Butadiene	<0.01		0.01
	2,2,4-Trimethylpentane	<0.01		0.01
	Benzene	<0.01		0.02
	Cumene	<0.01		<0.01
	Ethyl benzene	<0.01		<0.01
	Hydrogen sulfide	<0.01		<0.01

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GRP 0053 100-T-SG	Naphthalene	<0.01		<0.01
	Toluene	<0.01		0.01
	Xylene (mixed isomers)	<0.01		<0.01
	n-Hexane	<0.01		0.02
GRP 0054 100-T-SO	2,2,4-Trimethylpentane	<0.01		0.01
	Benzene	0.01		0.05
	Biphenyl	<0.01		<0.01
	Cresol	<0.01		<0.01
	Cumene	<0.01		<0.01
	Ethyl benzene	<0.01		0.01
	Naphthalene	<0.01		<0.01
	Phenol	<0.01		<0.01
	Toluene	0.02		0.07
	Xylene (mixed isomers)	<0.01		0.02
	n-Hexane	<0.01		0.02
GRP 0055 100-T-X	Xylene (mixed isomers)	0.15		0.67
UNF 0007 Unit 412	1,3-Butadiene			0.20
	2,2,4-Trimethylpentane			1.20
	Acetaldehyde			<0.01
	Acrolein			<0.01
	Antimony (and compounds)			<0.01
	Arsenic (and compounds)			<0.01
	Barium (and compounds)			<0.01
	Benzene			17.87
	Beryllium (Table 51.1)			<0.01
	Biphenyl			0.04
	Cadmium (and compounds)			<0.01
	Chromium VI (and compounds)			<0.01
	Copper (and compounds)			<0.01
	Cresol			0.04
	Cumene			1.65
	Ethyl benzene			1.74
	Formaldehyde			<0.01

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UNF 0007 Unit 412	Hydrogen sulfide			3.16
	Lead compounds			<0.01
	Manganese (and compounds)			<0.01
	Mercury (and compounds)			<0.01
	Naphthalene			0.19
	Nickel (and compounds)			<0.01
	Phenol			0.09
	Polynuclear Aromatic Hydrocarbons			<0.01
	Selenium (and compounds)			<0.01
	Sulfuric acid			0.18
	Toluene			20.69
	Xylene (mixed isomers)			7.32
	Zinc (and compounds)			<0.01
	n-Hexane			2.24

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

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EQT 0091 100-H-1 - COKER CHARGE STORAGE HEATER

1	[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
2	[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
3	[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)]
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	[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
6	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified

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7	[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)]
8	[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)]
9	[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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10	[40 CFR 60.113b.b.1.(ii)]	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 secondary seal and the wall of the storage vessel within 60 days of the initial fill with VOL and at least once per year thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(ii)] Which Months: All Year Statistical Basis: None specified
11	[40 CFR 60.113b.b.3]	Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the respective standards in 40 CFR 60.113b(b)(4). Subpart Kb. [40 CFR 60.113b(b)(3)]
12	[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)]
13	[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
14	[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
15	[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)]
16	[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
17	[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
18	[40 CFR 60.113b.b.4.(ii)(C)]	There are to be no holes, tears, or other openings in the secondary seal or seal fabric. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(C)]
19	[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)]
20	[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)]
21	[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)]
22	[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)]

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23	[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
24	[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)]
25	[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)]
26	[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)]
27	[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)]
28	[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)]
29	[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)]
30	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
31	[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.
32	[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.
33	[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
34	[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
35	[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
36	[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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37	[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.
38	[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
39	[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.
40	[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.
41	[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.
42	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
43	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
44	[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.
45	[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.
46	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with 40 CFR 60 Subpart Kb.

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47	[40 CFR 60.110a]	Tanks was constucted in 1982. During times when the tank is associated with SOCMI units, 40 CFR 60 Subpart Ka applies because 40 CFR 63 Subpart G does not have an overlap provisions for Ka tanks. During times when the tank is associated with petroleum refining process units, the tank is exempt from 40 CFR 60 Subpart Ka per overlap provisions of 40 CFR 63 Subpart CC.
48	[40 CFR 60.112a.a.1.(i)(A)]	Seal gap width <= 1.5 in (3.81 cm) for the width of any portion of any gap between the tank wall and the mechanical shoe seal or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(A)] Which Months: All Year Statistical Basis: None specified
49	[40 CFR 60.112a.a.1.(i)(A)]	Seal gap area <= 10.0 in^2/ft (212 sq cm/meter) of tank diameter for the accumulated area of gaps between the tank wall and the mechanical shoe seal or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(A)] Which Months: All Year Statistical Basis: None specified
50	[40 CFR 60.112a.a.1.(i)(D)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(D)]

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51	[40 CFR 60.112a.a.1.(i)]	The primary seal is to be either a metallic shoe seal, a liquid-mounted seal, or a vapor-mounted seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)]
52	[40 CFR 60.112a.a.1.(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 40 CFR 60.112a(a)(1)(ii)(B). Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(A)]
53	[40 CFR 60.112a.a.1.(ii)(B)]	Seal gap area <= 1.0 in^2/ft (21.2 sq cm/meter) of tank diameter for the accumulated area of gaps between the tank wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(B)] Which Months: All Year Statistical Basis: None specified
54	[40 CFR 60.112a.a.1.(ii)(B)]	Seal gap width <= 0.5 in (1.27 cm) for the width of any portion of any gap between the tank wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(B)] Which Months: All Year Statistical Basis: None specified
55	[40 CFR 60.112a.a.1.(ii)(C)]	There are to be no holes, tears or other openings in the secondary seal or seal fabric. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(C)]
56	[40 CFR 60.112a.a.1.(iii)]	Each opening in the roof except for automatic bleeder vents and rim space vents is to provide a projection below the liquid surface. Equip each opening in the roof except for automatic bleeder vents, rim space vents 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 or as described in 40 CFR 60.112a(a)(1)(iv). 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 leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(1)(iii)]
57	[40 CFR 60.112a.a.1.(iv)]	Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Ka. [40 CFR 60.112a(a)(1)(iv)]
58	[40 CFR 60.112a.a.1]	Equip with an external floating roof consisting of a pontoon-type or double-deck-type cover that rests on the surface of the liquid contents and is equipped with a closure device between the tank wall and the roof edge. Except as provided in 40 CFR 60.112a(a)(1)(ii)(D), the closure device is to consist of two seals, one (secondary) above the other (primary). The roof is to be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled The process of emptying and refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Ka. [40 CFR 60.112a(a)(1)]
59	[40 CFR 60.113a.a.1.(i)(A)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Determine the gap areas and maximum gap widths between the primary seal and the tank wall within 60 days of the initial fill with petroleum liquid and at least once every 5 years thereafter using the procedures in 40 CFR 60.113a(a)(1)(ii). Accomplish all primary seal inspections or gap measurements which require the removal or dislodging of the secondary seal as rapidly as possible and replace the secondary seal as soon as possible. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(A)] Which Months: All Year Statistical Basis: None specified
60	[40 CFR 60.113a.a.1.(i)(B)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Determine the gap areas and maximum gap widths between the secondary seal and the tank wall within 60 days of the initial fill with petroleum liquid and at least once every year thereafter using the procedures in 40 CFR 60.113a(a)(1)(ii). Subpart Ka. [40 CFR 60.113a(a)(1)(i)(B)] Which Months: All Year Statistical Basis: None specified

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61	[40 CFR 60.113a.a.1.(i)(D)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance. Each record shall identify the vessel on which the measurement was performed and shall contain the date of the seal gap measurement, the raw data obtained in the measurement process required by 40 CFR 60.113a(a)(1)(ii) and the calculation required by 40 CFR 60.113a(a)(1)(iii). Keep records of each gap measurement at the plant for a period of at least 2 years following the date of measurement. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(D)]
62	[40 CFR 60.113a.a.1.(i)(E)]	Submit report: Due to DEQ within 60 days of the date of seal gap measurements, if either the seal gap calculated in accord with 40 CFR 60.113a(a)(1)(iii) or the measured maximum seal gap exceeds the limitations specified by 40 CFR 60.112a. The report shall identify the vessel and list each reason why the vessel did not meet the specifications of 40 CFR 60.112a. The report shall also describe the actions necessary to bring the storage vessel into compliance with the specifications of 40 CFR 60.112a. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(E)]
63	[40 CFR 60.113a.a.1.(iv)]	Submit notification: Due to DEQ at least 30 days prior to the gap measurement to afford DEQ to have an observer present. Subpart Ka. [40 CFR 60.113a(a)(1)(iv)]
64	[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.
65	[40 CFR 63.102.a]	Comply with the applicable requirements of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.102(a)]
66	[40 CFR 63.103.b.1]	Conduct performance tests and compliance determinations according to the schedule and procedures in 40 CFR 63.7(a) and the applicable sections of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(b)(1)]
67	[40 CFR 63.103.b.2]	Submit Notification: Due at least 30 calendar days before a performance test is scheduled. Notify DEQ of the intention to conduct a performance test to allow DEQ the opportunity to have an observer present during the test. Subpart F. [40 CFR 63.103(b)(2)]
68	[40 CFR 63.103.b.3]	Conduct performance tests according to the provisions in 40 CFR 63.7(e) of subpart A, except conduct performance tests at maximum representative operating conditions for the process. Subpart F. [40 CFR 63.103(b)(3)]
69	[40 CFR 63.103.c.1]	Maintain all applicable records in such a manner that they can be readily accessed. Retain the most recent 6 months of records on site or make accessible by computer or other means that provides access within 2 hours after a request. Subpart F. [40 CFR 63.103(c)(1)]
70	[40 CFR 63.103.c.2]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Maintain records specified in 40 CFR 63.103(c)(2)(i) through (iii), as well as records specified in 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(c)(2)]
71	[40 CFR 63.103.c]	Keep copies of all applicable reports and records required by 40 CFR 63 Subparts F, G, and H for at least 5 years. If 40 CFR 63 Subparts G or H require records to be maintained for a time period different than 5 years, maintain those records for the time specified in 40 CFR 63 Subparts G or H. Subpart F. [40 CFR 63.103(c)]
72	[40 CFR 63.105.d]	Maintenance wastewater: Incorporate the procedures described in 40 CFR 63.105(b) and (c) as part of the start-up, shutdown and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(d)]
73	[40 CFR 63.105.e]	Maintenance wastewater: Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the information required by 40 CFR 63.105(b) and (c) as part of the start-up, shut-down, and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(e)]

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74	[40 CFR 63.105]	Maintenance wastewater: Prepare a description of maintenance procedures for the management of wastewaters generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns as specified in 40 CFR 63.105(b)(1) through (b)(3). Modify and update the information required by 40 CFR 63.105(b) as needed following each maintenance procedure based on the actions taken and the wastewaters generated in the preceding maintenance procedure. Subpart F.
75	[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)]
76	[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)]
77	[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)]
78	[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)]
79	[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)]
80	[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
81	[40 CFR 63.120.b.10]	Submit Notification: Due in writing at least 30 calendar days prior to filling or refilling of each storage vessel with organic HAP to afford DEQ the opportunity to inspect the storage vessel prior to refilling, for all the inspections required by 40 CFR 63.120(b)(10). If the inspection required by 40 CFR 63.120(b)(10) is not planned and it could not have been known about 30 calendar days in advance of refilling the vessel with organic HAP, submit notification at least 7 calendar days prior to 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(b)(10)]
82	[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)]
83	[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)]
84	[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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85	[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)]
86	[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)]
87	[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)]
88	[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)]
89	[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)]
90	[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)]
91	[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)]
92	[40 CFR 63.122.a.1]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
93	[40 CFR 63.122.a.3]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
94	[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)]
95	[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)]
96	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. 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.
97	[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)]
98	[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)]
99	[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)]
100	[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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101	[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)]
102	[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)]
103	[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)]
104	[40 CFR 63.CC]	Comply with 40 CFR 63 Subpart CC during times Swing Tanks are associated with peroleum refining process units.
105	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
106	[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.
107	[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.
108	[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
109	[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
110	[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
111	[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.
112	[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
113	[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.
114	[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
115	[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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116	[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.
117	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
118	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
119	[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.
120	[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.
121	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. During the times when the tank is associated with SOCMI units, MACT is determined to be complicance with 40 CFR 63 Subparts F and G (Group 1 EFR tanks). During the times when the tank is associated with petroleum process units, MACT is determined to be complicance with LAC 33:III.2103.B.

EQT 0112 100-T-114 - SOUR WATER TANK

122	[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)]
123	[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)]
124	[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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125	[40 CFR 60.113b.b.1.(ii)]	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 secondary seal and the wall of the storage vessel within 60 days of the initial fill with VOL and at least once per year thereafter. Subpart Kb. [40 CFR 60.113b(b)(1)(ii)] Which Months: All Year Statistical Basis: None specified
126	[40 CFR 60.113b.b.3]	Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the respective standards in 40 CFR 60.113b(b)(4). Subpart Kb. [40 CFR 60.113b(b)(3)]
127	[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)]
128	[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
129	[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
130	[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)]
131	[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
132	[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
133	[40 CFR 60.113b.b.4.(ii)(C)]	There are to be no holes, tears, or other openings in the secondary seal or seal fabric. Subpart Kb. [40 CFR 60.113b(b)(4)(ii)(C)]
134	[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)]
135	[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)]
136	[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)]
137	[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)]

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138	[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
139	[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)]
140	[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)]
141	[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)]
142	[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)]
143	[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)]
144	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
145	[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.
146	[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.
147	[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
148	[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
149	[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
150	[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.
151	[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.

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152	[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
153	[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
154	[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.
155	[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.
156	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
157	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
158	[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.
159	[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.
160	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with applicable provisions of 40 CFR 60 Subpart Kb.

EQT 0119 100-T-201 - XYLENE TANK

161	[40 CFR 63.102.a]	Comply with the applicable requirements of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.102(a)]
162	[40 CFR 63.103.b.1]	Conduct performance tests and compliance determinations according to the schedule and procedures in 40 CFR 63.7(a) and the applicable sections of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(b)(1)]
163	[40 CFR 63.103.b.2]	Submit Notification: Due at least 30 calendar days before a performance test is scheduled. Notify DEQ of the intention to conduct a performance test to allow DEQ the opportunity to have an observer present during the test. Subpart F. [40 CFR 63.103(b)(2)]
164	[40 CFR 63.103.b.3]	Conduct performance tests according to the provisions in 40 CFR 63.7(e) of subpart A, except conduct performance tests at maximum representative operating conditions for the process. Subpart F. [40 CFR 63.103(b)(3)]
165	[40 CFR 63.103.c.1]	Maintain all applicable records in such a manner that they can be readily accessed. Retain the most recent 6 months of records on site or make accessible by computer or other means that provides access within 2 hours after a request. Subpart F. [40 CFR 63.103(c)(1)]
166	[40 CFR 63.103.c.2]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Maintain records specified in 40 CFR 63.103(c)(2)(i) through (iii), as well as records specified in 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(c)(2)]

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167	[40 CFR 63.103.c]	Keep copies of all applicable reports and records required by 40 CFR 63 Subparts F, G, and H for at least 5 years. If 40 CFR 63 Subparts G or H require records to be maintained for a time period different than 5 years, maintain those records for the time specified in 40 CFR 63 Subparts G or H. Subpart F. [40 CFR 63.103(c)]
168	[40 CFR 63.105.d]	Maintenance wastewater: Incorporate the procedures described in 40 CFR 63.105(b) and (c) as part of the start-up, shutdown and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(d)]
169	[40 CFR 63.105.e]	Maintenance wastewater: Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the information required by 40 CFR 63.105(b) and (c) as part of the start-up, shut-down, and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(e)]
170	[40 CFR 63.105]	Maintenance wastewater: Prepare a description of maintenance procedures for the management of wastewaters generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns as specified in 40 CFR 63.105(b)(1) through (b)(3). Modify and update the information required by 40 CFR 63.105(b) as needed following each maintenance procedure based on the actions taken and the wastewaters generated in the preceding maintenance procedure. Subpart F.
171	[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)]
172	[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)]
173	[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)]
174	[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)]
175	[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)]
176	[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)]
177	[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

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178	[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)]
179	[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)]
180	[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)]
181	[40 CFR 63.122.a.1]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
182	[40 CFR 63.122.a.3]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
183	[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)]
184	[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)]
185	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. 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.
186	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
187	[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.
188	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
189	[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.
190	[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.
191	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with 40 CFR 63 Subpart F and G.

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192	[40 CFR 63.102.a]	Comply with the applicable requirements of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.102(a)]

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193	[40 CFR 63.103.c.1]	Maintain all applicable records in such a manner that they can be readily accessed. Retain the most recent 6 months of records on site or make accessible by computer or other means that provides access within 2 hours after a request. Subpart F. [40 CFR 63.103(c)(1)]
194	[40 CFR 63.103.c.2]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Maintain applicable records specified in 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(c)(2)]
195	[40 CFR 63.103.c]	Keep copies of all applicable reports and records required by 40 CFR 63 Subparts F, G, and H for at least 5 years. If 40 CFR 63 Subparts G or H require records to be maintained for a time period different than 5 years, maintain those records for the time specified in 40 CFR 63 Subparts G or H. Subpart F. [40 CFR 63.103(c)]
196	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be no controls due to size or true vapor pressure.

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197	[40 CFR 63.102.a]	Comply with the applicable requirements of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.102(a)]
198	[40 CFR 63.103.b.1]	Conduct performance tests and compliance determinations according to the schedule and procedures in 40 CFR 63.7(a) and the applicable sections of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(b)(1)]
199	[40 CFR 63.103.b.2]	Submit Notification: Due at least 30 calendar days before a performance test is scheduled. Notify DEQ of the intention to conduct a performance test to allow DEQ the opportunity to have an observer present during the test. Subpart F. [40 CFR 63.103(b)(2)]
200	[40 CFR 63.103.b.3]	Conduct performance tests according to the provisions in 40 CFR 63.7(e) of subpart A, except conduct performance tests at maximum representative operating conditions for the process. Subpart F. [40 CFR 63.103(b)(3)]
201	[40 CFR 63.103.c.1]	Maintain all applicable records in such a manner that they can be readily accessed. Retain the most recent 6 months of records on site or make accessible by computer or other means that provides access within 2 hours after a request. Subpart F. [40 CFR 63.103(c)(1)]
202	[40 CFR 63.103.c.2]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Maintain records specified in 40 CFR 63.103(c)(2)(i) through (iii), as well as records specified in 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(c)(2)]
203	[40 CFR 63.103.c]	Keep copies of all applicable reports and records required by 40 CFR 63 Subparts F, G, and H for at least 5 years. If 40 CFR 63 Subparts G or H require records to be maintained for a time period different than 5 years, maintain those records for the time specified in 40 CFR 63 Subparts G or H. Subpart F. [40 CFR 63.103(c)]
204	[40 CFR 63.105.d]	Maintenance wastewater: Incorporate the procedures described in 40 CFR 63.105(b) and (c) as part of the start-up, shutdown and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(d)]
205	[40 CFR 63.105.e]	Maintenance wastewater: Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the information required by 40 CFR 63.105(b) and (c) as part of the start-up, shut-down, and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(e)]
206	[40 CFR 63.105]	Maintenance wastewater: Prepare a description of maintenance procedures for the management of wastewaters generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns as specified in 40 CFR 63.105(b)(1) through (b)(3). Modify and update the information required by 40 CFR 63.105(b) as needed following each maintenance procedure based on the actions taken and the wastewaters generated in the preceding maintenance procedure. Subpart F.

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207	[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)]
208	[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)]
209	[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)]
210	[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)]
211	[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)]
212	[40 CFR 63.120.b.10]	Submit Notification: Due in writing at least 30 calendar days prior to filling or refilling of each storage vessel with organic HAP to afford DEQ the opportunity to inspect the storage vessel prior to refilling, for all the inspections required by 40 CFR 63.120(b)(10). If the inspection required by 40 CFR 63.120(b)(10) is not planned and it could not have been known about 30 calendar days in advance of refilling the vessel with organic HAP, submit notification at least 7 calendar days prior to 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(b)(10)]
213	[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
214	[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)]
215	[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)]
216	[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)]
217	[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)]
218	[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)]
219	[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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220	[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)]
221	[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)]
222	[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)]
223	[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)]
224	[40 CFR 63.122.a.1]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
225	[40 CFR 63.122.a.3]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
226	[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)]
227	[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)]
228	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. 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.
229	[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)]
230	[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)]
231	[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)]
232	[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)]
233	[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)]
234	[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)]
235	[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)]

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236	[40 CFR 63.CC]	Comply with 40 CFR 63 Subpart CC during times Swing Tanks are associated with peroleum refining process units.
237	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
238	[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.
239	[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.
240	[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
241	[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
242	[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.
243	[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
244	[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
245	[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.
246	[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
247	[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.
248	[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.
249	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
250	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
251	[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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252	[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.
253	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. During the times when the tank is associated with SOCMI units, MACT is determined to be complicance with 40 CFR 63 Subparts F and G (Group 1 EFR tanks). During the times when the tank is associated with petroleum process units, MACT is determined to be complicance with LAC 33:III.2103.B.

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254	[40 CFR 63.102.a]	Comply with the applicable requirements of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.102(a)]
255	[40 CFR 63.103.b.1]	Conduct performance tests and compliance determinations according to the schedule and procedures in 40 CFR 63.7(a) and the applicable sections of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(b)(1)]
256	[40 CFR 63.103.b.2]	Submit Notification: Due at least 30 calendar days before a performance test is scheduled. Notify DEQ of the intention to conduct a performance test to allow DEQ the opportunity to have an observer present during the test. Subpart F. [40 CFR 63.103(b)(2)]
257	[40 CFR 63.103.b.3]	Conduct performance tests according to the provisions in 40 CFR 63.7(e) of subpart A, except conduct performance tests at maximum representative operating conditions for the process. Subpart F. [40 CFR 63.103(b)(3)]
258	[40 CFR 63.103.c.1]	Maintain all applicable records in such a manner that they can be readily accessed. Retain the most recent 6 months of records on site or make accessible by computer or other means that provides access within 2 hours after a request. Subpart F. [40 CFR 63.103(c)(1)]
259	[40 CFR 63.103.c.2]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Maintain records specified in 40 CFR 63.103(c)(2)(i) through (iii), as well as records specified in 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(c)(2)]
260	[40 CFR 63.103.c]	Keep copies of all applicable reports and records required by 40 CFR 63 Subparts F, G, and H for at least 5 years. If 40 CFR 63 Subparts G or H require records to be maintained for a time period different than 5 years, maintain those records for the time specified in 40 CFR 63 Subparts G or H. Subpart F. [40 CFR 63.103(c)]
261	[40 CFR 63.105.d]	Maintenance wastewater: Incorporate the procedures described in 40 CFR 63.105(b) and (c) as part of the start-up, shutdown and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(d)]
262	[40 CFR 63.105.e]	Maintenance wastewater: Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the information required by 40 CFR 63.105(b) and (c) as part of the start-up, shut-down, and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(e)]
263	[40 CFR 63.105]	Maintenance wastewater: Prepare a description of maintenance procedures for the management of wastewaters generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns as specified in 40 CFR 63.105(b)(1) through (b)(3). Modify and update the information required by 40 CFR 63.105(b) as needed following each maintenance procedure based on the actions taken and the wastewaters generated in the preceding maintenance procedure. Subpart F.
264	[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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265	[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)]
266	[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)]
267	[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)]
268	[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)]
269	[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)]
270	[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
271	[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)]
272	[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)]
273	[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)]
274	[40 CFR 63.122.a.1]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
275	[40 CFR 63.122.a.3]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
276	[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)]
277	[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)]

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278	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. 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.
279	[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)]
280	[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)]
281	[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)]
282	[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)]
283	[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)]
284	[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)]
285	[40 CFR 63.CC]	Comply with 40 CFR 63 Subpart CC during times Swing Tanks are associated with peroleum refining process units.
286	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
287	[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.
288	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
289	[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.
290	[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.
291	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be complicance with 40 CFR 63 Subparts F and G (Group 1 IFR tanks).

EQT 0179 408-T-1 - BLENDING ADDITIVE DILUENT TANK

292	[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.
293	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be no controls due to size and maximum true vapor pressure.

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294	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
295	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
296	[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.
297	[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.
298	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with LAC 33:III.2103 (no controls required except submerged fill pipe).

EQT 0181 408-T-3 - BLENDING ADDITVE TANK

299	[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.
300	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be no controls due to size or maximum true vapor pressure.

FUG 0013 412-A-FF - NON-SOCMI UNIT FUGITIVES FOR OFFSITE

301	[40 CFR 63.CC]	Comply with 40 CFR 63 Subpart CC by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with Louisiana MACT for Refineries. See Part 70 Specific Condition in Appendix A.
302	[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.
303	[LAC 33:III.2121]	Comply with LAC 33:III.2121 by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with Louisiana MACT for Refineries. See Part 70 Specific Condition in Appendix A.
304	[LAC 33:III.501.C.6]	State Only - The number of each type of component required to be monitored for each monitoring period under applicable leak detection and repair programs shall be reported to the LDEQ by inclusion with each periodic monitoring report. Fugitive emission piping components may be added to or removed from the permitted units, without triggering the need to apply for a permit modification provided: a. Changes in components involve routine maintenance or are undertaken to address safety concerns, or involve small piping revisions with no associated emissions increase except from the fugitive emissions components themselves; b. The changes do not involve any associated increases in production rate or capacity, or tie in of new or modified process equipment other than the piping components; c. Actual emissions following the changes will not exceed the emission limits contained in this permit; and d. The components are promptly incorporated into any applicable LDAR program.

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305	[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.
306	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Compliance with the Louisiana Fugitive Emission Consolidation Program, with Louisiana MACT for Refineries being the most stringent program, is determined as MACT.
307	[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.
308	[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
309	[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.
310	[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
311	[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.
312	[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).
313	[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.
314	[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).
315	[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

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316	[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
317	[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).
318	[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
319	[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).
320	[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).
321	[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
322	[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
323	[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).

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324	[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).
325	[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).
326	[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).
327	[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
328	[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
329	[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
330	[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.
331	[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
332	[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).

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333	[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.
334	[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).
335	[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
336	[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.
337	[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.
338	[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).
339	[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.
340	[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
341	[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).
342	[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.
343	[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).

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344	[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
345	[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).
346	[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).
347	[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
348	[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).
349	[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.
350	[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
351	[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).
352	[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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353	[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
354	[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
355	[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.
356	[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).
357	[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
358	[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
359	[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

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360	[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.
361	[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.
362	[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).
363	[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).
364	[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).
365	[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).
366	[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
367	[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.
368	[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

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369	[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.

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370	[40 CFR 61.J]	Comply with 40 CFR 61 Subpart J by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H, SOCMI HON MACT. See Part 70 Specific Condition in Appendix A.
371	[40 CFR 61.V]	Comply with 40 CFR 61 Subpart V by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H, SOCMI HON MACT. See Part 70 Specific Condition in Appendix A.
372	[40 CFR 63.162.c]	Identify each piece of equipment in a process unit such that it can be distinguished readily from equipment that is not subject to 40 CFR 63 Subpart H. Subpart H. [40 CFR 63.162(c)]
373	[40 CFR 63.162.f]	Clearly identify leaking equipment, for leaking equipment detected as specified in 40 CFR 63.163, 40 CFR 63.164, 40 CFR 63.168, 40 CFR 63.169, and 40 CFR 63.172 through 63.174. The identification may be removed after the equipment is repaired, except for valves or for connectors subject to 40 CFR 63.174(c)(1)(i). The identification on a valve may be removed after it has been monitored as specified in 40 CFR 63.168(f)(3) and 63.175(e)(i)(D), and no leak has been detected during the follow-up monitoring. If electing to comply using the provisions of 40 CFR 63.174(c)(1)(i), the identification on a connector may be removed after it is monitored as specified in 40 CFR 63.174(c)(1)(i) and no leak is detected during that monitoring. Subpart H. [40 CFR 63.162(f)]
374	[40 CFR 63.163.b.1]	Pumps in light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as provided in 40 CFR 63.162(b) and 63.163(e) through (j). If a reading of 10,000 ppm (phase I); 5,000 ppm (phase II); or 5,000 ppm (phase III, pumps handling polymerizing monomers), 2,000 ppm (phase III, pumps in food/medical service), or 1,000 ppm (phase III, all other pumps) or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(1)] Which Months: All Year Statistical Basis: None specified
375	[40 CFR 63.163.b.3]	Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate the repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(3)] Which Months: All Year Statistical Basis: None specified
376	[40 CFR 63.163.c]	Pumps in light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.163(c)(3) and 40 CFR 63.171. Subpart H. [40 CFR 63.163(c)]
377	[40 CFR 63.163.d.2]	Pumps in light liquid service: Implement a quality improvement program for pumps that complies with the requirements of 40 CFR 63.176, if, in Phase III, calculated on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak. Subpart H. [40 CFR 63.163(d)(2)]
378	[40 CFR 63.163.d.4]	Pumps in light liquid service: Determine percent leaking pumps using the equation in 40 CFR 63.163(d)(4). Subpart H. [40 CFR 63.163(d)(4)]

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379	[40 CFR 63.163.e.1]	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 routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(1)]
380	[40 CFR 63.163.e.2]	Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid service. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(2)]
381	[40 CFR 63.163.e.3]	Pumps in light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(3)]
382	[40 CFR 63.163.e.4]	Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 63.180(b) to determine if there is a leak of organic HAP in the barrier fluid. If an instrument reading of 1,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(4)] Which Months: All Year Statistical Basis: None specified
383	[40 CFR 63.163.e.6.(i)]	Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)(i)]
384	[40 CFR 63.163.e.6]	Pumps in light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)]
385	[40 CFR 63.163.e]	Pumps in light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the pump 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 the criteria established in 40 CFR 63.163(e)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)] Which Months: All Year Statistical Basis: None specified
386	[40 CFR 63.163.h]	Pumps in light liquid service (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency. Monitor each pump as often as practicable and at least monthly. Comply with this requirement instead of the weekly visual inspection requirement of 40 CFR 63.163(b)(3) and (e)(4), and the daily requirements of 40 CFR 63.163(e)(5). Subpart H. [40 CFR 63.163(h)] Which Months: All Year Statistical Basis: None specified
387	[40 CFR 63.163.j.1]	Pumps in light liquid service (unsafe-to-monitor): Determine that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.163(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(1)]

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388	[40 CFR 63.163.j.2]	Pumps in light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(2)] Which Months: All Year Statistical Basis: None specified
389	[40 CFR 63.164.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 in 40 CFR 63.162(b) and 40 CFR 63.164(h) and (i) Subpart H. [40 CFR 63.164(a)]
390	[40 CFR 63.164.b]	Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid directly into a process stream. Subpart H. [40 CFR 63.164(b)]
391	[40 CFR 63.164.c]	Compressors: Ensure that the barrier fluid is not in light liquid service. Subpart H. [40 CFR 63.164(c)]
392	[40 CFR 63.164.d]	Compressors: Equip each barrier fluid system as described in 40 CFR 63.164(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart H. [40 CFR 63.164(d)]
393	[40 CFR 63.164.e.2]	Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart H. [40 CFR 63.164(e)(2)]
394	[40 CFR 63.164.g]	Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.164(g)]
395	[40 CFR 63.164.i.2]	Compressors (no detectable emissions): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Comply with this requirement instead of the requirements in 40 CFR 63.164(a) through (h). Subpart H. [40 CFR 63.164(i)(2)] Which Months: All Year Statistical Basis: None specified
396	[40 CFR 63.164]	Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an 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 the criterion determined under 40 CFR 63.164(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.164(g). Subpart H. Which Months: All Year Statistical Basis: None specified
397	[40 CFR 63.165.a]	Pressure relief device in gas/vapor service: Organic HAP < 500 ppm above background except during pressure releases, as determined by the method specified in 63.180(c). Subpart H. [40 CFR 63.165(a)] Which Months: All Year Statistical Basis: None specified
398	[40 CFR 63.165.b.1]	Pressure relief devices in gas/vapor service: After each pressure release, return to a condition indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.165(b)(1)]
399	[40 CFR 63.165.b.2]	Pressure relief devices in gas/vapor service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) after the pressure release and being returned to organic HAP service, to confirm the condition indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 63.180(c). Subpart H. [40 CFR 63.165(b)(2)] Which Months: All Year Statistical Basis: None specified

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400	[40 CFR 63.165.d.2]	Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.165(a) and (b). Subpart H. [40 CFR 63.165(d)(2)]
401	[40 CFR 63.166]	Sampling connection systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 63.162(b). Operate the system as specified in 40 CFR 63.166(b). Subpart H.
402	[40 CFR 63.167]	Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve, except as provided in 40 CFR 63.162(b) and 40 CFR 63.167(d) and (e). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair. Operate each open-ended valve or line equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart H.
403	[40 CFR 63.168.c]	Valves in gas/vapor service or light liquid service (Phase I): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
404	[40 CFR 63.168.c]	Valves in gas/vapor service or light liquid service (Phase II): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
405	[40 CFR 63.168.d.1]	Valves in gas/vapor service or light liquid service (Phase III, 2 percent or greater leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly, as specified in 40 CFR 63.180(b); or implement a quality improvement program for valves that complies with the requirements of 40 CFR 63.175 and monitor quarterly. If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). If electing to implement a quality improvement program, follow the procedures in 40 CFR 63.175. Subpart H. [40 CFR 63.168(d)(1)] Which Months: All Year Statistical Basis: None specified
406	[40 CFR 63.168.d.2]	Valves in gas/vapor service or light liquid service (Phase III, less than 2 percent leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Permittee may elect to comply with the alternate standards in 40 CFR 63.168(d)(3) and (d)(4). Subpart H. [40 CFR 63.168(d)(2)] Which Months: All Year Statistical Basis: None specified
407	[40 CFR 63.168.e.1]	Valves in gas/vapor service or light liquid service: Determine percent leaking valves using the equation in 40 CFR 63.168(e)(1). Subpart H. [40 CFR 63.168(e)(1)]
408	[40 CFR 63.168.f.3]	Valves in gas/vapor service or light liquid service (after leak repair): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within three months (at least) after repair to determine whether the valve has resumed leaking. Subpart H. [40 CFR 63.168(f)(3)] Which Months: All Year Statistical Basis: None specified
409	[40 CFR 63.168.f]	Valves in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.168(f)]

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410	[40 CFR 63.168.h.1]	Valves in gas/vapor service or 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 40 CFR 63.168(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(1)]
411	[40 CFR 63.168.h.2]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valves as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(2)] Which Months: All Year Statistical Basis: None specified
412	[40 CFR 63.168.i.1]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(1)]
413	[40 CFR 63.168.i.3]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the valves at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(3)] Which Months: All Year Statistical Basis: None specified
414	[40 CFR 63.169.a]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) if evidence of a potential leak to the atmosphere is found by visible, audible, olfactory, or any other detection method. If a reading of 10,000 ppm for agitators, 5,000 ppm for pumps handling polymerizing monomers, 2,000 ppm for all other pumps (including pumps in food/medical service), or 500 ppm for valves, connectors, instrumentation systems, and pressure relief devices, or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.169(c). Subpart H. [40 CFR 63.169(a)] Which Months: All Year Statistical Basis: None specified
415	[40 CFR 63.169.c]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.169(c)]
416	[40 CFR 63.170]	Surge control vessels and bottoms receivers: Equip with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements of 40 CFR 63.172, except as provided in 40 CFR 63.162(b), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 63 Subpart H Table 2 or Table 3. Subpart H.
417	[40 CFR 63.172.f.1.(i)]	Closed-vent system (hard-piping): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(i)] Which Months: All Year Statistical Basis: None specified
418	[40 CFR 63.172.f.1.(ii)]	Closed-vent system (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(ii)] Which Months: All Year Statistical Basis: None specified

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419	[40 CFR 63.172.f.2.(i)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(i)] Which Months: All Year Statistical Basis: None specified
420	[40 CFR 63.172.f.2.(ii)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(ii)] Which Months: All Year Statistical Basis: None specified
421	[40 CFR 63.172.h]	Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.172(i). Subpart H. [40 CFR 63.172(h)]
422	[40 CFR 63.172.j.1]	Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes. Install flow indicator at the entrance to any bypass line. Subpart H. [40 CFR 63.172(j)(1)] Which Months: All Year Statistical Basis: None specified
423	[40 CFR 63.172.j.1]	Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Generate records as specified in 40 CFR 63.118(a)(3). Subpart H. [40 CFR 63.172(j)(1)]
424	[40 CFR 63.172.k.1]	Closed-vent system (unsafe-to-inspect): Demonstrate that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential dangers as a consequence of complying with 40 CFR 63.172(f)(1) or (f)(2). Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(1)]
425	[40 CFR 63.172.k.2]	Closed-vent system (unsafe-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times, but not more frequently than annually. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(2)] Which Months: All Year Statistical Basis: None specified
426	[40 CFR 63.172.l.1]	Closed-vent system (difficult-to-inspect): Demonstrate that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(1)]
427	[40 CFR 63.172.l.2]	Closed-vent system (difficult-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(2)] Which Months: All Year Statistical Basis: None specified
428	[40 CFR 63.172.m]	Ensure that the closed-vent system or control device is operating whenever organic HAP emissions are vented to the closed-vent system or control device. Subpart H. [40 CFR 63.172(m)]
429	[40 CFR 63.173.a]	Agitators in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(a)] Which Months: All Year Statistical Basis: None specified

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430	[40 CFR 63.173.b]	Agitators in gas/vapor service or light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the agitator. If there are indications of liquids dripping from the agitator, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(b)] Which Months: All Year Statistical Basis: None specified
431	[40 CFR 63.173.c]	Agitators in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.173(c)]
432	[40 CFR 63.173.d.1]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the agitator stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(1)]
433	[40 CFR 63.173.d.2]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid organic HAP service. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(2)]
434	[40 CFR 63.173.d.3]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(3)]
435	[40 CFR 63.173.d.4]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the agitator seal. If there are indications of liquid dripping from the agitator seal at the time of the weekly inspection, monitor the agitator as specified in 40 CFR 63.180(b) to determine the presence of organic HAP in the barrier fluid. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(4)] Which Months: All Year Statistical Basis: None specified
436	[40 CFR 63.173.d.6.(i)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)(i)]
437	[40 CFR 63.173.d.6]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)]
438	[40 CFR 63.173.d]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the agitator 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 the criteria established in 40 CFR 63.173(d)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)] Which Months: All Year Statistical Basis: None specified

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439	[40 CFR 63.173.g]	Agitators in gas/vapor service or light liquid service (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency. Monitor each agitator as often as practicable and at least monthly. Comply with this requirement instead of the weekly visual inspection requirement of 40 CFR 63.173(b)(1) and (d)(4), and the daily requirements of 40 CFR 63.173(d)(5). Subpart H. [40 CFR 63.173(g)] Which Months: All Year Statistical Basis: None specified
440	[40 CFR 63.173.h.1]	Agitators in gas/vapor service or light liquid service (difficult to monitor): Demonstrate that the agitator cannot be monitored without elevating the monitoring personnel more than two meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(1)]
441	[40 CFR 63.173.h.3]	Agitators in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the agitator at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(3)] Which Months: All Year Statistical Basis: None specified
442	[40 CFR 63.173.j.1]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the agitator is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.173(a) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(1)]
443	[40 CFR 63.173.j.2]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the agitator as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(2)] Which Months: All Year Statistical Basis: None specified
444	[40 CFR 63.174.b.1]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within 12 months after the compliance date, except as provided in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(1)]. Which Months: All Year Statistical Basis: None specified
445	[40 CFR 63.174.b.2]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within the first 12 months after initial startup or by no later than 12 months after the date of promulgation of a specific subpart that references 40 CFR 63 Subpart H, whichever is later, except as specified in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(2)] Which Months: All Year Statistical Basis: None specified
446	[40 CFR 63.174.b.3.(i)]	Connectors in gas/vapor service or light liquid service (0.5% or greater leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Subpart H. [40 CFR 63.174(b)(3)(i)] Which Months: All Year Statistical Basis: None specified
447	[40 CFR 63.174.b.3.(ii)]	Connectors in gas/vapor service or light liquid service (less than 0.5% leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every two years. Subpart H. [40 CFR 63.174(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified

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448	[40 CFR 63.174.c.1.(i)]	Connectors in gas/vapor service or light liquid service (opened or otherwise had the seal broken): Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 within three months after being returned to organic HAP service or when it is reconnected. If monitoring detects a leak, repair according to the provisions of 40 CFR 63.174(d), as specified, except as provided in 40 CFR 63.174(c)(1)(ii). Subpart H. [40 CFR 63.174(c)(1)(i)] Which Months: All Year Statistical Basis: None specified
449	[40 CFR 63.174.c.2.(i)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Comply with the requirements of 40 CFR 63.169. Subpart H. [40 CFR 63.174(c)(2)(i)]
450	[40 CFR 63.174.c.2.(ii)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Organic HAP monitored by technically sound method within three months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If monitoring detects a leak, implement repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(c)(2)(ii)] Which Months: All Year Statistical Basis: None specified
451	[40 CFR 63.174.d]	Connectors in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Subpart H. [40 CFR 63.174(d)]
452	[40 CFR 63.174.f.1]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with 40 CFR 63.174(a) through (c). Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(1)]
453	[40 CFR 63.174.f.2]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of connectors as frequently as practicable during safe to monitor times, but not more frequently than the periodic schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(2)] Which Months: All Year Statistical Basis: None specified
454	[40 CFR 63.174.g]	Connectors in gas/vapor service or light liquid service (unsafe-to-repair): Demonstrate that repair personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.174(d). Comply with this requirement instead of the requirements in 40 CFR 63.174(a), (d), and (e). Subpart H. [40 CFR 63.174(g)]
455	[40 CFR 63.174.h.2]	Connectors in gas/vapor service or light liquid service (inaccessible, ceramic, or ceramic-lined): Make a first attempt at repair within 5 days after leak is detected by visual, audible, olfactory or other means, and complete repairs no later than 15 calendar days after leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Comply with this requirement instead of the monitoring requirements of 40 CFR 63.174(a) and (c) and from the recordkeeping and reporting requirements of 40 CFR 63.181 and 63.182. Subpart H. [40 CFR 63.174(h)(2)]
456	[40 CFR 63.174.i]	Connectors in gas/vapor service or light liquid service: Calculate percent leaking connectors as specified in 40 CFR 63.174(i)(1) and (i)(2). Subpart H. [40 CFR 63.174(i)]
457	[40 CFR 63.180]	Comply with the test methods and procedures requirements provided in 40 CFR 63.180. Subpart H.
458	[40 CFR 63.181]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 63.181(a) through (k). Subpart H.
459	[40 CFR 63.182.b]	Submit Initial Notification: Due within 120 days after the date of promulgation of the subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(b)(1). Subpart H. [40 CFR 63.182(b)]

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460	[40 CFR 63.182.c]	Submit Notification of Compliance Status: Due within 90 days of the compliance dates specified in the 40 CFR 63 subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(c)(1) through (c)(3). Subpart H. [40 CFR 63.182(c)]
461	[40 CFR 63.182.d]	Submit Periodic Reports: Due semiannually starting 6 months after the Notification of Compliance Status, as required in 40 CFR 63.182(c). Include the information specified in 40 CFR 63.182(d)(2) through (d)(4). Subpart H. [40 CFR 63.182(d)]
462	[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.
463	[LAC 33:III.2121]	Comply with LAC 33:III.2121 by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H, SOCMI HON MACT. See Part 70 Specific Condition in Appendix A.
464	[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.
465	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Compliance with the Louisiana Fugitive Emission Consolidation Program, with 40 CFR 63 Subpart H - SOCMI HON MACT being the most stringent program, is determined as MACT.
466	[LAC 33:III.Chapter 51]	Comply with LAC 33:III.Chapter 51 - LA MACT for Refineries by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H, SOCMI HON MACT. See Part 70 Specific Condition in Appendix A.

GRP 0043 100-T-B - BENZENE CAP

Group Members: EQT 0105EQT 0106EQT 0140

467	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
468	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
469	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.
470	[LAC 33:III.501.C.6]	Equipment/operational data <= 108 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified

GRP 0044 100-T-CO - CRUDE OIL CAP

Group Members: EQT 0092EQT 0093EQT 0094EQT 0095EQT 0096EQT 0097EQT 0098

471	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

GRP 0044 100-T-CO - CRUDE OIL CAP

472	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.
473	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
474	[LAC 33:III.501.C.6]	Equipment/operational data <= 3985.80 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified

GRP 0045 100-T-D - DISTILLATES CAP

Group Members: EQT 0107 EQT 0128 EQT 0129 EQT 0132 EQT 0133 EQT 0134 EQT 0135 EQT 0138

475	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
476	[LAC 33:III.501.C.6]	Equipment/operational data <= 3266.00 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified
477	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.
478	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

GRP 0046 100-T-G - GASOLINE CAP

Group Members: EQT 0127 EQT 0130 EQT 0131 EQT 0139

479	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
480	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
481	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.
482	[LAC 33:III.501.C.6]	Equipment/operational data <= 3257.163 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

GRP 0047 100-T-HBC - HEAVY BLENDING COMPONENTS CAP

Group Members: EQT 0125EQT 0136

483	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.
484	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
485	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
486	[LAC 33:III.501.C.6]	Equipment/operational data <= 956.55 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified

GRP 0048 100-T-HO - HEAVY OILS CAP

Group Members: EQT 0108EQT 0109EQT 0110EQT 0115EQT 0116EQT 0117EQT 0141

487	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
488	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.
489	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
490	[LAC 33:III.501.C.6]	Equipment/operational data <= 2654.40 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified

GRP 0049 100-T-LGBC - LIGHT GASOLINE BLENDING COMPONENTS CAP

Group Members: EQT 0118EQT 0120EQT 0122EQT 0123EQT 0124

491	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
492	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
493	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

GRP 0049 100-T-LGBC - LIGHT GASOLINE BLENDING COMPONENTS CAP

494	[LAC 33:III.501.C.6]	Equipment/operational data <= 1287.72 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified

GRP 0050 100-T-N - NAPHTHA CAP

Group Members: EQT 0102 EQT 0103

495	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
496	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.
497	[LAC 33:III.501.C.6]	Equipment/operational data <= 2025.03 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified
498	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

GRP 0051 100-T-OP - OTHER PETROCHEMICALS CAP

Group Members: EQT 0101 EQT 0104

499	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
500	[LAC 33:III.501.C.6]	Equipment/operational data <= 110.88 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified
501	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
502	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.

GRP 0052 100-T-S - SWING CAP

Group Members: EQT 0111 EQT 0126 EQT 0137

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

GRP 0052 100-T-S - SWING CAP

503 [LAC 33:III.501.C.6] Equipment/operational data monitored by technically sound method continuously.
Which Months: All Year Statistical Basis: None specified

504 [LAC 33:III.501.C.6] Equipment/operational data <= 965.79 MM gallons/yr of which Benzene throughput shall not exeed 108 MM gallons/yr and Xylene throughput shall not exceed 98 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughputs exceed the maximum listed in this specific condition for any twelve consecutive month period.
Which Months: All Year Statistical Basis: None specified

505 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the total throughput, benzene throughput, and xylene throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

506 [LAC 33:III.501.C.6] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput, thoughput of benzene, and throughput of xylene each month, as well as the total throughput, thoughput of benzene, and throughput of xylene, for the last twelve months. Make records available for inspection by DEQ personnel.

GRP 0053 100-T-SG - SLOP GASOLINE CAP

Group Members: EQT 0099 EQT 0100

507 [LAC 33:III.501.C.6] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.

508 [LAC 33:III.501.C.6] Equipment/operational data monitored by technically sound method continuously.
Which Months: All Year Statistical Basis: None specified

509 [LAC 33:III.501.C.6] Equipment/operational data <= 655.20 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.
Which Months: All Year Statistical Basis: None specified

510 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

GRP 0054 100-T-SO - SLOP OIL CAP

Group Members: EQT 0113 EQT 0114 EQT 0142 EQT 0143 EQT 0144 EQT 0145

511 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

512 [LAC 33:III.501.C.6] Equipment/operational data <= 294.84 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.
Which Months: All Year Statistical Basis: None specified

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SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
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GRP 0054 100-T-SO - SLOP OIL CAP

513	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
514	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.

GRP 0055 100-T-X - XYLENES CAP

Group Members: EQT 0119 EQT 0121

515	[LAC 33:III.501.C.6]	Equipment/operational data <= 98.00 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified
516	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
517	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.
518	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified

CRG 0001 Crude Oil Tanks A - Crude Oil Tanks With 63 Subpart CC Requirements

Group Members: EQT 0092 EQT 0093

519	[40 CFR 63.654]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records for determination of Group 2 Vessel.
520	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
521	[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.
522	[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.
523	[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
524	[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

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

CRG 0001 Crude Oil Tanks A - Crude Oil Tanks With 63 Subpart CC Requirements

525	[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
526	[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
527	[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
528	[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.
529	[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.
530	[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.
531	[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.
532	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
533	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
534	[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.
535	[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.
536	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LAC 33:III.2103.B.

CRG 0002 Crude Oil Tanks B - Crude Oil Tank With 60 Subpart Ka Requirements

Group Members: EQT 0094 EQT 0095 EQT 0097 EQT 0098

537	[40 CFR 60.112a.a.1.(i)(A)]	Seal gap area <= 10.0 in^2/ft (212 sq cm/meter) of tank diameter for the accumulated area of gaps between the tank wall and the mechanical shoe seal or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(A)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

CRG 0002 Crude Oil Tanks B - Crude Oil Tank With 60 Subpart Ka Requirements

538	[40 CFR 60.112a a 1 (i)(A)]	Seal gap width <= 1.5 in (3.81 cm) for the width of any portion of any gap between the tank wall and the mechanical shoe seal or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(A)] Which Months: All Year Statistical Basis: None specified
539	[40 CFR 60.112a.a.1 (i)(D)]	There are to be no holes, tears, or other openings in the shoe, primary seal fabric, or seal envelope. Subpart Ka. [40 CFR 60.112a(a)(1)(i)(D)]
540	[40 CFR 60.112a.a.1 (i)]	The primary seal is to be either a metallic shoe seal, a liquid-mounted seal, or a vapor-mounted seal. Subpart Ka. [40 CFR 60 112a(a)(1)(i)]
541	[40 CFR 60.112a.a.1 (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 40 CFR 60.112a(a)(1)(ii)(B). Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(A)]
542	[40 CFR 60.112a.a.1 (ii)(B)]	Seal gap width <= 0.5 in (1.27 cm) for the width of any portion of any gap between the tank wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(B)] Which Months: All Year Statistical Basis: None specified
543	[40 CFR 60 112a.a.1 (ii)(B)]	Seal gap area <= 1.0 in^2/ft (21.2 sq cm/meter) of tank diameter for the accumulated area of gaps between the tank wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(B)] Which Months: All Year Statistical Basis: None specified
544	[40 CFR 60.112a a 1 (ii)(C)]	There are to be no holes, tears or other openings in the secondary seal or seal fabric. Subpart Ka. [40 CFR 60.112a(a)(1)(ii)(C)]
545	[40 CFR 60.112a.a.1.(iii)]	Each opening in the roof except for automatic bleeder vents and rim space vents is to provide a projection below the liquid surface. Equip each opening in the roof except for automatic bleeder vents, rim space vents 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 or as described in 40 CFR 60.112a(a)(1)(iv). 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 leg supports or at the manufacturer's recommended setting. Subpart Ka. [40 CFR 60.112a(a)(1)(iii)]
546	[40 CFR 60.112a.a.1.(iv)]	Provide each emergency roof drain with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening. Subpart Ka. [40 CFR 60.112a(a)(1)(iv)]
547	[40 CFR 60.112a.a.1]	Equip with an external floating roof consisting of a pontoon-type or double-deck-type cover that rests on the surface of the liquid contents and is equipped with a closure device between the tank wall and the roof edge. Except as provided in 40 CFR 60.112a(a)(1)(ii)(D), the closure device is to consist of two seals, one (secondary) above the other (primary). The roof is to be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Subpart Ka. [40 CFR 60.112a(a)(1)]
548	[40 CFR 60 113a.a.1.(i)(A)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Determine the gap areas and maximum gap widths between the primary seal and the tank wall within 60 days of the initial fill with petroleum liquid and at least once every 5 years thereafter using the procedures in 40 CFR 60.113a(a)(1)(ii). Accomplish all primary seal inspections or gap measurements which require the removal or dislodging of the secondary seal as rapidly as possible and replace the secondary seal as soon as possible. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(A)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

CRG 0002 Crude Oil Tanks B - Crude Oil Tank With 60 Subpart Ka Requirements

549	[40 CFR 60.113a.a.1.(i)(B)]	Seal gap area & width monitored by measurement at the regulation's specified frequency. Determine the gap areas and maximum gap widths between the secondary seal and the tank wall within 60 days of the initial fill with petroleum liquid and at least once every year thereafter using the procedures in 40 CFR 60.113a(a)(1)(ii). Subpart Ka. [40 CFR 60.113a(a)(1)(i)(B)] Which Months: All Year Statistical Basis: None specified
550	[40 CFR 60.113a.a.1.(i)(D)]	Gap measurement(s) recordkeeping by electronic or hard copy upon each occurrence of gap measurement performance. Each record shall identify the vessel on which the measurement was performed and shall contain the date of the seal gap measurement, the raw data obtained in the measurement process required by 40 CFR 60.113a(a)(1)(ii) and the calculation required by 40 CFR 60.113a(a)(1)(iii). Keep records of each gap measurement at the plant for a period of at least 2 years following the date of measurement. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(D)]
551	[40 CFR 60.113a.a.1.(i)(E)]	Submit report: Due to DEQ within 60 days of the date of seal gap measurements, if either the seal gap calculated in accord with 40 CFR 60.113a(a)(1)(iii) or the measured maximum seal gap exceeds the limitations specified by 40 CFR 60.112a. The report shall identify the vessel and list each reason why the vessel did not meet the specifications of 40 CFR 60.112a. The report shall also describe the actions necessary to bring the storage vessel into compliance with the specifications of 40 CFR 60.112a. Subpart Ka. [40 CFR 60.113a(a)(1)(i)(E)]
552	[40 CFR 60.113a.a.1.(iv)]	Submit notification: Due to DEQ at least 30 days prior to the gap measurement to afford DEQ to have an observer present. Subpart Ka. [40 CFR 60.113a(a)(1)(iv)]
553	[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.
554	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
555	[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.
556	[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.
557	[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
558	[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
559	[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
560	[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.
561	[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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SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

CRG 0002 Crude Oil Tanks B - Crude Oil Tank With 60 Subpart Ka Requirements

562	[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.
563	[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
564	[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.
565	[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.
566	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
567	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
568	[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.
569	[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.
570	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be NSPS 40 CFR 60 Subpart Ka.

CRG 0003 Benzene Tanks - Benzene Tank Requirements

Group Members: EQT 0105EQT 0106EQT 0140

571	[40 CFR 63.102.a]	Comply with the requirements of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.102(a)]
572	[40 CFR 63.103.b.1]	Conduct performance tests and compliance determinations according to the schedule and procedures in 40 CFR 63.7(a) and the applicable sections of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(b)(1)]
573	[40 CFR 63.103.b.2]	Submit Notification: Due at least 30 calendar days before a performance test is scheduled. Notify DEQ of the intention to conduct a performance test to allow DEQ the opportunity to have an observer present during the test. Subpart F. [40 CFR 63.103(b)(2)]
574	[40 CFR 63.103.b.3]	Conduct performance tests according to the provisions in 40 CFR 63.7(e) of subpart A, except conduct performance tests at maximum representative operating conditions for the process. Subpart F. [40 CFR 63.103(b)(3)]
575	[40 CFR 63.103 c.1]	Maintain all applicable records in such a manner that they can be readily accessed. Retain the most recent 6 months of records on site or make accessible by computer or other means that provides access within 2 hours after a request. Subpart F. [40 CFR 63.103(c)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

CRG 0003 Benzene Tanks - Benzene Tank Requirements

576	[40 CFR 63.103.c.2]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Maintain records specified in 40 CFR 63.103(c)(2)(i) through (iii), as well as records specified in 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(c)(2)]
577	[40 CFR 63.103.c]	Keep copies of all applicable reports and records required by 40 CFR 63 Subparts F, G, and H for at least 5 years. If 40 CFR 63 Subparts G or H require records to be maintained for a time period different than 5 years, maintain those records for the time specified in 40 CFR 63 Subparts G or H. Subpart F. [40 CFR 63.103(c)]
578	[40 CFR 63.104.d]	Heat exchange systems: Repair leaks as soon as practicable but not later than 45 calendar days after receiving results of monitoring tests indicating a leak, if a leak is detected according to the criteria of 40 CFR 63.104(b) or (c). Once the leak has been repaired, confirm that the heat exchange system has been repaired within 7 calendar days of the repair or startup, whichever is later. Subpart F. [40 CFR 63.104(d)]
579	[40 CFR 63.104.f]	Heat exchange systems: Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Retain the records identified in 40 CFR 63.104(f)(1)(i) through (iv) as specified in 40 CFR 63.103(c)(1). Subpart F. [40 CFR 63.104(f)]
580	[40 CFR 63.105.d]	Maintenance wastewater: Incorporate the procedures described in 40 CFR 63.105(b) and (c) as part of the start-up, shutdown and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(d)]
581	[40 CFR 63.105.e]	Maintenance wastewater: Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the information required by 40 CFR 63.105(b) and (c) as part of the start-up, shut-down, and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(e)]
582	[40 CFR 63.105]	Maintenance wastewater: Prepare a description of maintenance procedures for the management of wastewaters generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns as specified in 40 CFR 63.105(b)(1) through (b)(3). Modify and update the information required by 40 CFR 63.105(b) as needed following each maintenance procedure based on the actions taken and the wastewaters generated in the preceding maintenance procedure. Subpart F.
583	[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)]
584	[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)]
585	[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)]
586	[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)]
587	[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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SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
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Air - Title V Regular Permit Minor Mod

CRG 0003 Benzene Tanks - Benzene Tank Requirements

588	[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)]
589	[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)]
590	[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
591	[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)]
592	[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)]
593	[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)]
594	[40 CFR 63.122.a.1]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
595	[40 CFR 63.122.a.3]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
596	[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)]
597	[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)]
598	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. 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.
599	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.

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SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
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Air - Title V Regular Permit Minor Mod

CRG 0003 Benzene Tanks - Benzene Tank Requirements

600	[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.
601	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
602	[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.
603	[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.
604	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with 40 CFR 63 Subparts F and G (Group 1 IFR tanks).

CRG 0004 Distillates Tanks - Distillates Tank Requirements

Group Members: EQT 0107 EQT 0128 EQT 0129 EQT 0132 EQT 0133 EQT 0134 EQT 0135 EQT 0138

605	[40 CFR 63.654]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Comply with applicable recordkeeping provisions of 40 CFR 63 Subpart CC.
606	[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.
607	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be no controls.

CRG 0005 Gasoline Tanks - Gasoline Tank Requirements

Group Members: EQT 0127 EQT 0130 EQT 0131 EQT 0139

608	[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)]
609	[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)]
610	[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)]
611	[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)]
612	[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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SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

CRG 0005 Gasoline Tanks - Gasoline Tank Requirements

613	[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)]
614	[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)]
615	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
616	[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.
617	[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.
618	[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
619	[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
620	[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
621	[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
622	[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
623	[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.
624	[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.
625	[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.
626	[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.
627	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

CRG 0005 Gasoline Tanks - Gasoline Tank Requirements

628	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
629	[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.
630	[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.
631	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with 40 CFR 63 Subpart CC.

CRG 0006 LGBC Tanks - LGBC Tank Requirements

Group Members: EQT 0118 EQT 0120 EQT 0122 EQT 0123 EQT 0124

632	[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)]
633	[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)]
634	[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)]
635	[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)]
636	[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)]
637	[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)]
638	[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)]
639	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
640	[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.
641	[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.
642	[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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SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
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CRG 0006 LGBC Tanks - LGBC Tank Requirements

643	[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
644	[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.
645	[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
646	[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
647	[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
648	[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.
649	[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.
650	[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.
651	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
652	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
653	[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.
654	[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.
655	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with 40 CFR 63 Subpart CC.

CRG 0007 Heavy Oil Tanks - Heavy Blending/Heavy Oil Tank Requirements

Group Members: EQT 0108 EQT 0109 EQT 0110 EQT 0115 EQT 0116 EQT 0117 EQT 0125 EQT 0136 EQT 0141

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

CRG 0007 Heavy Oil Tanks - Heavy Blending/Heavy Oil Tank Requirements

656	[40 CFR 63.654]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Comply with applicable recordkeeping provisions of 40 CFR 63 Subpart CC.
657	[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.
658	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be no controls due to size or maximum true vapor pressure.

CRG 0008 Naphtha Tanks - Naphtha Tank Requirements

Group Members: EQT 0102 EQT 0103

659	[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)]
660	[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)]
661	[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)]
662	[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)]
663	[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)]
664	[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)]
665	[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)]
666	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
667	[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.
668	[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.
669	[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
670	[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

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

CRG 0008 Naphtha Tanks - Naphtha Tank Requirements

671	[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
672	[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.
673	[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
674	[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.
675	[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
676	[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.
677	[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.
678	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
679	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
680	[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.
681	[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.
682	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with 40 CFR 63 Subpart CC.

CRG 0009 Other Petrochemicals - Other Petrochemicals Tank Requirements

Group Members: EQT 0101 EQT 0104

683	[40 CFR 63.102.a]	Comply with the applicable requirements of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.102(a)]
684	[40 CFR 63.103.b.1]	Conduct performance tests and compliance determinations according to the schedule and procedures in 40 CFR 63.7(a) and the applicable sections of 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
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Air - Title V Regular Permit Minor Mod

CRG 0009 Other Petrochemicals - Other Petrochemicals Tank Requirements

685	[40 CFR 63.103.b.2]	Submit Notification: Due at least 30 calendar days before a performance test is scheduled. Notify DEQ of the intention to conduct a performance test to allow DEQ the opportunity to have an observer present during the test. Subpart F. [40 CFR 63.103(b)(2)]
686	[40 CFR 63.103.b.3]	Conduct performance tests according to the provisions in 40 CFR 63.7(e) of subpart A, except conduct performance tests at maximum representative operating conditions for the process. Subpart F. [40 CFR 63.103(b)(3)]
687	[40 CFR 63.103.c.1]	Maintain all applicable records in such a manner that they can be readily accessed. Retain the most recent 6 months of records on site or make accessible by computer or other means that provides access within 2 hours after a request. Subpart F. [40 CFR 63.103(c)(1)]
688	[40 CFR 63.103.c.2]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Maintain records specified in 40 CFR 63.103(c)(2)(i) through (iii), as well as records specified in 40 CFR 63 Subparts G and H. Subpart F. [40 CFR 63.103(c)(2)]
689	[40 CFR 63.103.c]	Keep copies of all applicable reports and records required by 40 CFR 63 Subparts F, G, and H for at least 5 years. If 40 CFR 63 Subparts G or H require records to be maintained for a time period different than 5 years, maintain those records for the time specified in 40 CFR 63 Subparts G or H. Subpart F. [40 CFR 63.103(c)]
690	[40 CFR 63.105.d]	Maintenance wastewater: Incorporate the procedures described in 40 CFR 63.105(b) and (c) as part of the start-up, shutdown and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(d)]
691	[40 CFR 63.105.e]	Maintenance wastewater: Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain a record of the information required by 40 CFR 63.105(b) and (c) as part of the start-up, shut-down, and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(e)]
692	[40 CFR 63.105]	Maintenance wastewater: Prepare a description of maintenance procedures for the management of wastewaters generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns as specified in 40 CFR 63.105(b)(1) through (b)(3). Modify and update the information required by 40 CFR 63.105(b) as needed following each maintenance procedure based on the actions taken and the wastewaters generated in the preceding maintenance procedure. Subpart F.
693	[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)]
694	[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)]
695	[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)]
696	[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)]

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
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CRG 0009 Other Petrochemicals - Other Petrochemicals Tank Requirements

697	[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)]
698	[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)]
699	[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
700	[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)]
701	[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)]
702	[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)]
703	[40 CFR 63.122.a.1]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
704	[40 CFR 63.122.a.3]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
705	[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)]
706	[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)]
707	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. 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.
708	[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.

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SPECIFIC REQUIREMENTS

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CRG 0009 Other Petrochemicals - Other Petrochemicals Tank Requirements

709	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with applicable provisions of 40 CFR 63 Subpart F and G.

CRG 0010 Slop Gasoline Tanks - Slop Gasoline Tank Requirements

Group Members: EQT 0099 EQT 0100

710	[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)]
711	[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)]
712	[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)]
713	[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)]
714	[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)]
715	[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)]
716	[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)]
717	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
718	[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.
719	[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.
720	[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
721	[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
722	[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
723	[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

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
Activity Number: PER20070024
Permit Number: 2513-V5
Air - Title V Regular Permit Minor Mod

CRG 0010 Slop Gasoline Tanks - Slop Gasoline Tank Requirements

724	[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
725	[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.
726	[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.
727	[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.
728	[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.
729	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
730	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
731	[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.
732	[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.
733	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with 40 CFR 63 Subpart CC.

CRG 0011 Slop Oil Tanks A - Slop Oil Tank Requirements w/ IFR's

Group Members: EQT 0113 EQT 0114 EQT 0144 EQT 0145

734	[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)]
735	[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)]
736	[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)]

SPECIFIC REQUIREMENTS

AI ID: 2418 - ConocoPhillips Co - Alliance Refinery
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CRG 0011 Slop Oil Tanks A - Slop Oil Tank Requirements w/ IFR's

737	[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)]
738	[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)]
739	[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)]
740	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
741	[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.
742	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
743	[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.
744	[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.
745	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with 40 CFR 63 Subpart CC.

CRG 0012 Slop Oil Tanks B - Slop Oil Tank Requirements w/ EFR's

Group Members: EQT 0142 EQT 0143

746	[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)]
747	[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)]
748	[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)]
749	[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)]
750	[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)]
751	[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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752	[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)]
753	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
754	[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.
755	[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.
756	[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
757	[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
758	[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
759	[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.
760	[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
761	[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.
762	[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
763	[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.
764	[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.
765	[LAC 33:III.2103.H.1]	Determine compliance with LAC 33:III.2103.D.2 and 4 using the methods in LAC 33:III.2103.H.1.
766	[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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767	[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.
768	[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.
769	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with 40 CFR 63 Subpart CC.

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770	[40 CFR 60]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
771	[40 CFR 61.355]	Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Unit has no benzene waste. Refinery has > 10 Mg/yr benzene from waste and must meet control, reporting, and recordkeeping requirements (See Title V Permit, Unit 308W, Wastewater Treatment Unit). Subpart FF.
772	[40 CFR 61.356]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.
773	[40 CFR 61.357.b]	Submit report: Due whenever there is a change in the process generating the waste stream that could cause the total annual benzene quantity from facility waste to increase to 1 Mg/yr (1.1 ton/yr) or more. Submit updates to the information listed in 40 CFR 61.357(a)(1) through (a)(3). Subpart FF. [40 CFR 61.357(b)]
774	[40 CFR 61]	All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
775	[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)]
776	[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)]
777	[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)]
778	[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)]
779	[40 CFR 63.654.f]	Submit Notification of Compliance Status: Due within 150 days after the compliance dates specified in 40 CFR 63.640(h). Include the information specified in 40 CFR 63.654(f)(1) through (f)(5). Subpart CC. [40 CFR 63.654(f)]
780	[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)]

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781	[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)]
782	[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)]
783	[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)]
784	[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)]
785	[40 CFR 63]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 6 of 40 CFR 63 Subpart CC and Table 3 of 40 CFR 63 Subpart F.
786	[40 CFR 68.12.b.1]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that the nearest public receptor is beyond the distance to a toxic or flammable endpoint defined in 68.22. [40 CFR 68.12(b)(1)]
787	[40 CFR 68.12.b.2]	Complete the five-year accident history for the process as provided in 68.42. [40 CFR 68.12(b)(2)]
788	[40 CFR 68.12.b.3]	Ensure that response actions have been coordinated with local emergency planning and response agencies. [40 CFR 68.12(b)(3)]
789	[40 CFR 68.12.b.4]	Include in the RMP the certification specified in 68.12(b)(4). [40 CFR 68.12(b)(4)]
790	[40 CFR 68.150]	Submit Risk Management Plan (RMP): Due no later than June 21, 1999, or three years after the date on which a regulated substance is first listed under 68.130, or the date on which a regulated substance is first present above a threshold quantity in a process. Submit in a method and format to a central point as specified by EPA prior to June 21, 1999.
791	[40 CFR 68.155]	Provide in the RMP an executive summary that includes a brief description of the elements listed in 68.155(a) through (g).
792	[40 CFR 68.160]	Complete a single registration form and include in the RMP. Cover all regulated substances handled in covered processes. Include in the registration the information specified in 68.160(b)(1) through (13).
793	[40 CFR 68.165]	Submit in the RMP information one worst-case release scenario for each Program 1 process. Include the data specified in 68.165(b)(1) through (13).
794	[40 CFR 68.168]	Submit in the RMP the information provided in 68.42(b) on each accident covered by 68.42(a).
795	[40 CFR 68.180]	Provide in the RMP the emergency response information listed in 68.180(a) through (c).
796	[40 CFR 68.190.c]	Submit revised registration to EPA: Due within six months after a stationary source is no longer subject to 40 CFR 68. Indicate that the stationary source is no longer covered. [40 CFR 68.190(c)]
797	[40 CFR 68.190]	Review and update the RMP as specified in 68.190(b) and submit it in a method and format to a central point specified by EPA prior to June 21, 1999.
798	[40 CFR 68.200]	Maintain records supporting the implementation of 40 CFR 68 for five years unless otherwise provided.
799	[40 CFR 68.22]	Use the endpoints specified in 68.22(a) through (g) for analyses of offsite consequences.
800	[40 CFR 68.25]	Analyze the release scenarios in 68.25, as specified in 68.25(a) through (h).
801	[40 CFR 68.28]	Identify and analyze at least one alternative release scenario for each regulated toxic substance held in a covered process(es) and at least one alternative release scenario to represent all flammable substances held in covered processes, as specified in 68.28(b) through (e).
802	[40 CFR 68.30]	Estimate in the RMP the population within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).

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803	[40 CFR 68.33]	List in the RMP environmental receptors within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
804	[40 CFR 68.36.b]	Submit revised RMP: Due within six months after changes in processes, quantities stored or handled, or any other aspect of the stationary source increase or decrease the distance to the endpoint by a factor of two or more. [40 CFR 68.36(b)]
805	[40 CFR 68.36]	Review and update the offsite consequence analyses at least once every five years. Complete a revised analysis within six months if changes in processes, quantities stored or handled, or any other aspect of the stationary source might reasonably be expected to increase or decrease the distance to the endpoint by a factor of two or more.
806	[40 CFR 68.39]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 68.39(a) through (e) on the offsite consequence analyses.
807	[40 CFR 68.42]	Include in the five-year accident history all accidental releases from covered processes that resulted in deaths, injuries, or significant property damage on site, or known offsite deaths, injuries, evacuations, sheltering in place, property damage, or environmental damage. Include the information specified in 68.42(b)(1) through (10) for each accidental release.
808	[40 CFR 70.5.a.1.(iii)]	Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
809	[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)]
810	[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. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
811	[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)]
812	[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.
813	[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.
814	[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.
815	[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.

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816	[LAC 33:III.2141.A]	Keep records and determine compliance as specified in LAC 33:III.2115.I, J, and K.
817	[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.
818	[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.
819	[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.
820	[LAC 33:III.501.C.6]	See State Only Specific Condititions in Appendix B for additional applicable requirements.
821	[LAC 33:III.501.C.6]	Pursuant to the Consent Decree (Civil Action H-05-0258 lodged January 27, 2005), Alliance Refinery shall not burn fuel oil in any existing combustion device except during periods of Natural Gas Curtailment, Test Runs, or Operator Training. This does not limit Alliance Refinery's ability to burn Torch Oil in an FCCU regenerator ro assist in starting, restarting, maintaining hot standby, or maintaining regenerator heat balance.
822	[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.
823	[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
824	[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.
825	[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.
826	[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.
827	[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.
828	[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).
829	[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.

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830	[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.
831	[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.
832	[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.
833	[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.
834	[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.
835	[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.
836	[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.
837	[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.
838	[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.
839	[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.
840	[LAC 33:III.5901.A]	Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
841	[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.
842	[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 Office of Environmental Compliance.
843	[LAC 33:III.5911.C]	Submit amended registration: Due to the Office of Environmental Compliance within 60 days after the information in the submitted registration is no longer accurate.

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844	[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. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
APPENDIX A
PART 70 SPECIFIC CONDITIONS

Alliance Refinery; Unit 412 – Offsites
Agency Interest No. 2418
ConocoPhillips Company
Belle Chasse, Plaquemines Parish, Louisiana

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 applicable 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 or more of the applicable fugitive emissions programs.

a. Permittee shall apply the streamlined program 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 (LA MACT for Refineries for petroleum refining process units and 40 CFR 63, Subpart H, SOCMI HON MACT for SOCMI process units) 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 of component available in any of the programs being streamlined.

b. Permittee shall use leak definitions and monitoring frequency 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 be defined as once every four quarters. Some allowance may be made in the first year of 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 September 30 and March 31, to cover the periods January 1 through June 30 and July 1 through December 31, respectively. The semiannual reports shall include any monitoring performed within the reporting period.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
APPENDIX A
PART 70 SPECIFIC CONDITIONS

Alliance Refinery; Unit 412 – Offsites
Agency Interest No. 2418
ConocoPhillips Company
Belle Chasse, Plaquemines Parish, Louisiana

Unit or Plant Site	Programs Being Streamlined	Stream Applicability	Overall Most Stringent Program
Unit 412-Offsites: Tankfarm piping & other components associated with Non SOCMI refinery units	LAC 33:III.Chapter 51, LA MACT for Refineries 40 CFR 63, Subpart CC NESHAP-Petroleum Refineries LAC 33:III.2121 - Louisiana Fugitive Emission Control	≥ 5% VOTAP (Class I + II) ≥ 5% organic HAP ≥ 10% VOC	LA MACT for Refineries
Unit 412-Offsites: Tankfarm piping & other components associated with SOCMI units	40 CFR 63, Subpart H, SOCMI HON MACT LAC 33:III.Chapter 51, LA MACT for Refineries 40 CFR 61, Subpart J NESHAP for Benzene Leaks 40 CFR 61, Subpart V NESHAP for Equipment Leaks LAC 33:III.2121 - Louisiana Fugitive Emission Control	≥ 5% organic HAP ≥ 5% VOTAP (Class I + II) ≥ 10% benzene ≥ 10% VHAP ≥ 10% VOC	40 CFR 63, Subpart H SOCMI HON MACT

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
APPENDIX B
STATE ONLY SPECIFIC CONDITIONS

Alliance Refinery; Unit 412 – Offsites
Agency Interest No. 2418
ConocoPhillips Company
Belle Chasse, Plaquemines Parish, Louisiana

1. Emissions from the tank turnaround cleaning activities for Unit 412 – Offsites, shall not exceed the maximum annual rate or average annual tons per year emission limits identified in the table below. Emission in excess of these limits, calculated using the formulas provided, shall be considered a deviation and shall be reported as per General Condition R of this permit.

   The emissions shall be reported pursuant to LAC 33:III.919 and LAC 33:III.5107, as applicable.

Pollutants	Maximum Annual Rate (TPY)	1-yr Average based on 5-yr rolling time period (TPY)
VOC	59.68	49.00
1,3-Butadiene	0.02	0.01
2,2,4-Trimethylpentane	0.10	0.09
Benzene	0.57	0.47
Cumene	0.10	0.08
Ethyl benzene	0.55	0.45
n-Hexane	0.56	0.46
Naphthalene	0.25	0.21
Phenol	0.66	0.54
Toluene	1.81	1.49
Xylene	2.97	2.44

The 1-yr average based on a five-year rolling time period shall be calculated using the following equations:
If: $i - y \geq 5$, Use EQ1
If: $i - y < 5$, Use EQ2
Where: i = Most Recent Calendar Year
y = Year the Tank Cleaning Specific Condition was added

EQ1: 5 YR Rolling AVG = $\sum_{i-4}^{i} \frac{Xi}{5}$

EQ2: 5 YR Rolling AVG = $\sum_{y}^{i} \frac{Xi}{5}$

Where: X_i = Annual Emissions in year i (TPY)

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
APPENDIX B
STATE ONLY SPECIFIC CONDITIONS

Alliance Refinery; Unit 412 – Offsites
Agency Interest No. 2418
ConocoPhillips Company
Belle Chasse, Plaquemines Parish, Louisiana

Permittee shall calculate and record the emissions each year. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. These calculated emissions shall be reported under the Startup/Shutdown emissions by March 31 for the preceding year(s).

2. Nothing contained in Specific Condition 1 shall be construed to exempt the reporting of emissions from upsets or malfunctions in accordance with LAC 33:III.507.J or LAC 33:I.Chapter 39. Emissions as described in Specific Condition 1 are authorized to the extent that they result from:

    a. A normal shutdown or startup
    b. Activities associated with an unscheduled shutdown where pre-planned adjustments to reduce or minimize emissions are used, or
    c. Online operating adjustments in lieu of a unit shutdown.

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)];

40 CFR PART 70 GENERAL CONDITIONS

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

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)]

40 CFR PART 70 GENERAL CONDITIONS

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;

40 CFR PART 70 GENERAL CONDITIONS

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.

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)]

40 CFR PART 70 GENERAL CONDITIONS

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]

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 December 14, 2007, along with supplemental information dated December 12, 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.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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.

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.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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

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.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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 this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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.

ConocoPhillips COPY

LDEQ RECEIPT

Alliance Refinery
Agency Interest No. 2418
P.O. Box 176
15551 Hwy. 23 South
Belle Chasse, LA 70037-0176
(504) 656-7711

2008 DEC 12 PM 5 20

December 12, 2008

original to IOA
copy to Petro/Kip 2/C Mathis
PER20070024

Mr. Corbet Mathis, P.E.
Air Permits Division, Office of Environmental Services
LA Department of Environmental Quality
P. O. Box 4313
Baton Rouge, LA 70821-4313

HAND DELIVERED

Re: Additional Information Request, Alliance Refinery: Unit 412 – Offsites, October 31, 2008
ConocoPhillips Company – Alliance Refinery (AI No. 2418)
Proposed Permit No. 2513-V5
Activity No. PER20070024

Dear Mr. Mathis:

Per Additional Information Request dated October 31, 2008, ConocoPhillips is submitting this Additional Information for the Reconciliation of 2513-V4 submitted on December 28, 2007, Activity No. PER 20070024 for Unit 412 – Offsites Unit. ConocoPhillips is submitting this additional information to correct the Benzene and Xylene emissions calculations in the Swing Cap (Source IDs 100-T-113, 100-T-250 and 100-T-326), to reconcile requirement discrepancies from the current permit and the application, and to update emissions calculations for the Coker Charge Storage Heater (Source ID 100-H-1) based on new speciation guidance provided by ConocoPhillips corporate management. Included in this submittal are an explanation of regulatory discrepancies, revised regulatory tables, Section 6, EIQ sheets and emissions calculations of the Part 70 Application. Additionally, the responsible official has certified the information presented in this submittal. If you or your staff has any questions concerning this submittal, please contact Steve Johnson of my staff at (504) 656-3669.

Sincerely,

Laurence R. Poche'

Laurence R. Poche'
Environmental Services Superintendent

I certify, under provisions in Louisiana and United States law which provide criminal penalties for false statements, that based on information and belief formed after reasonable inquiry, the statements and information attached and the compliance statement above, are true, accurate, and complete.

Chris R. Chandler
Refinery Manager

RECEIVED
DEC 12 2008
LDEQ

Attachments

Cc: Steven W. Johnson, ConocoPhillips Company
Kelly J. Bradberry, Sage Environmental Consulting

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The following changes were made to the Regulatory Tables 1, 2 and 3 for the Reconciliation of 2513-V4:

- Tank 100-T-001 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel;
- Tank 100-T-002 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel;
- Tank 100-T-005 is applicable to 40 CFR 60 Subpart Ka;
- Tank 100-T-103 is exempt from LAC 33:III.2103;
- Tank 100-T-106 is exempt from LAC 33:III.2103;
- Tank 100-T-107 is exempt from 40 CFR 61 Subparts A and Y;
- Tank 100-T-108 is exempt from 40 CFR 61 Subparts A and Y;
- Tank 100-T-109 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel and is not applicable to 40 CFR 63 Subpart G. Tank 100-T-109 is exempt from LAC 33:III.2103;
- Tank 100-T-110 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-110 is exempt from LAC 33:III.2103;
- Tank 100-T-111 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-111 is exempt from LAC 33:III.2103;
- Tank 100-T-112 is exempt from LAC 33:III.2103;
- In Regulatory Table 1 of Permit No. 2513-V4, columns 63 Subpart A, F, G, H and CC were shifted one column to the left starting at tank 100-T-113 through 100-T-626. Therefore the regulatory applicability appeared to be off from the Reconciliation of 2513-V4 submitted December 28, 2008.
- Tank 100-T-113 is applicable to the control requirements of 40 CFR 60 Subpart Ka as a Group 1 storage vessel and the recordkeeping requirements of 40 CFR 63 Subpart CC. Tank 100-T-113 is exempt from 40 CFR 61 Subparts A and Y;
- Tank 100-T-114 is applicable to 40 CFR 60 Subpart Kb as a Group 1 storage vessel and exempt from 40 CFR 63 Subpart CC;
- Tank 100-T-127 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-127 is exempt from LAC 33:III.2103;
- Tank 100-T-128 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-128 is exempt from LAC 33:III.2103;
- Tank 100-T-130 is subject to 40 CFR 63 Subpart CC as a Group 2 storage vessel and is exempt to LAC 33:III.2103;
- Tank 100-T-201 is exempt from 40 CFR 61 Subparts A and Y;
- Tank 100-T-203 is exempt from 40 CFR 63 Subpart G as a Group 2 storage vessel but must maintain recordkeeping requirements and is exempt from LAC 33:III.2103;
- Tank 100-T-213 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-213 is exempt from LAC 33:III.2103;
- Tank 100-T-250 is exempt from 40 CFR 61 Subparts A and Y. Tank 100-T-250 is exempt from the requirements of 40 CFR 63 Subpart CC since it is subject to the requirements of 40 CFR 63 Subpart G;
- Tank 100-T-300 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-300 is exempt from LAC 33:III.2103;
- Tank 100-T-301 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-301 is exempt from LAC 33:III.2103;
- Tank 100-T-310 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-310 is exempt from LAC 33:III.2103;
- Tank 100-T-311 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-311 is exempt from LAC 33:III.2103;
- Tank 100-T-312 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-312 is exempt from LAC 33:III.2103;

- Tank 100-T-313 is applicable to 40 CFR 60 Subpart Kb but no control requirements and is exempt from 40 CFR 63 Subpart CC as a Group 2 storage vessel, only recordkeeping required. Tank 100-T-313 is exempt from LAC 33:III.2103;
- Tank 100-T-325 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-325 is exempt from LAC 33:III.2103;
- Tank 100-T-326 is exempt from 40 CFR 61 Subparts A and Y. Tank 100-T-326 is exempt from the requirements of 40 CFR 63 Subpart CC since it is subject to the requirements of 40 CFR 63 Subpart G;
- Tank 100-T-350 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-350 is exempt from LAC 33:III.2103;
- Tank 100-T-401 is applicable to 40 CFR 63 Subpart CC as a Group 2 storage vessel. Tank 100-T-401 is exempt from LAC 33:III.2103;
- Tank 408-T-1 is exempt from LAC 33:III.2103;
- Tank 408-T-3 is exempt from LAC 33:III.2103 and 40 CFR 63 Subpart CC;
- Coker Charge Heater (Source ID 100-H-1) is exempt from LAC 33:III Chapter 15; and
- 100-H-1 is applicable to 40 CFR 60 Subpart J per the ConocoPhillips Consent Decree.

CONOCOPHILLIPS COMPANY-ALLIANCE REFINERY
TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Emission Point	LAC 33:III Chapter							NSPS 40 CFR 60							NESHAP 40 CFR 61					40 CFR 63				
	11	13	15	21	51	56	59	A	J	K	Ka	Kb	VV	GGG	A	J	V	Y	FF	A	F	G	H	CC
Facility	X	X		X	X	X	X								X				X	X				X
100-H-1	X	X	O					X	X															
100-T-001				X	X															X				X
100-T-002				X	X															X				X
100-T-003				X	X			X			X									X				O
100-T-004				X	X			X			X									X				O
100-T-005				X	X			X			X									X				O
100-T-006				X	X			X			X									X				O
100-T-007				X	X			X			X									X				O
100-T-101				X	X															X				X
100-T-102				X	X															X				X
100-T-103				O	X															X	X	X		
100-T-104				X	X															X				X
100-T-105				X	X															X				X
100-T-106				O	X															X	X	X		
100-T-107				X	X										O			O		X	X	X		
100-T-108				X	X										O			O		X	X	X		
100-T-109				O	X															X				X
100-T-110				O	X															X				X
100-T-111				O	X															X				X
100-T-112				O	X															X				X
100-T-113				X	X			X			X				O			O		X	X	X		O
100-T-114				X	X			X				X								X				O
100-T-125				X	X															X				X
100-T-126				X	X															X				X
100-T-127				O	X															X				X
100-T-128				O	X															X				X
100-T-130				O	X															X				X

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CONOCOPHILLIPS COMPANY-ALLIANCE REFINERY
TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Emission Point	LAC 33:III Chapter							NSPS 40 CFR 60							NESHAP 40 CFR 61					40 CFR 63				
	11	13	15	21	51	56	59	A	J	K	Ka	Kb	VV	GGG	A	J	V	Y	FF	A	F	G	H	CC
100-T-200				X	X															X				X
100-T-201				X	X										O			O		X	X	X		
100-T-202				X	X															X				X
100-T-203				O	X															X	X	O		O
100-T-204				X	X															X				X
100-T-211				X	X															X				X
100-T-212				X	X															X				X
100-T-213				O	X															X				X
100-T-250				X	X										O			O		X	X	X		O
100-T-251				X	X															X				X
100-T-300				O	X															X				X
100-T-301				O	X															X				X
100-T-302				X	X															X				X
100-T-303				X	X															X				X
100-T-310				O	X															X				X
100-T-311				O	X															X				X
100-T-312				O	X															X				X
100-T-313				O	X			X				O								X				O
100-T-325				O	X															X				X
100-T-326				X	X										O			O		X	X	X		O
100-T-350				O	X															X				X
100-T-351				X	X															X				X
100-T-400				X	X										O			O		X	X	X		
100-T-401				O	X															X				X
100-T-600				X	X															X				X
100-T-601				X	X															X				X
100-T-625				X	X															X				X
100-T-626				X	X															X				X

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CONOCOPHILLIPS COMPANY-ALLIANCE REFINERY
TABLE 1. APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Emission Point	LAC 33:III Chapter							NSPS 40 CFR 60							NESHAP 40 CFR 61					40 CFR 63				
	11	13	15	21	51	56	59	A	J	K	Ka	Kb	VV	GGG	A	J	V	Y	FF	A	F	G	H	CC
408-T-1				O	X															O				O
408-T-2				X	X															O				O
408-T-3				O	X															O				O
412-A-FF				X	X			O					O	O	O	O	O			X				X
412-S-FF				X	X			O					O	O	O	O	O			X	X		X	

X - The regulation has applicable requirements which apply to this particular source.
O – Exemption criteria for this regulations is met by this source.

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY
TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-H-1 Coker Charge Storage Heater	Control of Emissions of Smoke (LAC 33:III.1101.B)	REQUIREMENTS THAT SPECIFY MONITORING: Estimation of Opacity.	LAC 33:III.1101.B	During periods of heavy smoking	
	Control of Emissions of Smoke (LAC 33:III.1101.B)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Exceedances	LAC 33:III.1101.B	During exceedances	
	Control of Emissions of Smoke (LAC 33:III.1101.B)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Emissions of smoke shall be controlled so shade is not darker than 20% opacity (except for >20% for not more than one 6 min. period in any 60 consecutive min.)	LAC 33:III.1101.B		
	Emission Standards for Particulate Matter (LAC 33:III.1311.C)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Particulate matter source shall be controlled so that the shade or appearance of emissions is not denser than 20% average opacity (except for > 20% for not more than one 6 minute period in any 60 consecutive minute)	LAC 33:III.1311.C		
	Emission Standards for Particulate Matter (LAC 33:III.1313.C)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Limit the quantity of particulate matter emitted from fuel burning equipment to < 0.6 lb/MMBtu of heat input.	LAC 33:III.1313.C		
	Emission Standards for Particulate Matter (LAC 33:III.1313.C)	REQUIREMENTS THAT SPECIFY MONITORING: PM	LAC 33:III.1313.C		
	Emission Standards for Particulate Matter (LAC 33:III.1313.C)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Exceedances	LAC 33:III.1313.C	During exceedances	
	Emission Standard for Sulfur Dioxide (LAC 33:III.1503.C)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Record and retain for 5 years the data to demostrate exemption from continuous monitoring if exemption is granted (per LAC 33:III.1513).	LAC 33:III.1503.C	5 years	

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY
TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-H-1 Coker Charge Storage Heater	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility will comply with the general provisions of this Subpart.	40 CFR 60.1 - 60.19		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY MONITORING: Any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 60.1- 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or any periods during which a CEMS (if applicable) or monitoring device is inoperative.	40 CFR 60.1 - 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations (if applicable); and Quarterly reports of excess emissions from CEMS (if applicable).	40 CFR 60.1 - 60:19	Quarterly Excess Emissions from CEMS, if applicable	
	Standards of Performance for Petroleum Refineries - Subpart J (40 CFR 60.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Fuel gas shall not contain > 0.1 gr/dscf of H2S (3-hour rolling average).	40 CFR 60.100		
	Standards of Performance for Petroleum Refineries - Subpart J (40 CFR 60.100)	REQUIREMENTS THAT SPECIFY MONITORING: H2S concentration in the fuel gas (3-hour rolling average)	40 CFR 60.100	3-hour rolling average	
	Standards of Performance for Petroleum Refineries - Subpart J (40 CFR 60.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: CEMS data, any performance evaluations, calibration checks, any maintenance.	40 CFR 60.100	N/A	

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY
TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-H-1 Coker Charge Storage Heater	Standards of Performance for Petroleum Refineries - Subpart J (40 CFR 60.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Excess emission and CEMS performance reports every calendar quarter.	40 CFR 60.100	Quarterly Excess Emissions and CEMS Performance Reports	
100-T-001 Crude Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility shall comply with the general provisions of this Subpart.	40 CFR 63.1 - 63.15		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility.	40 CFR 63.1 - 63.15		

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY
TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-001 Crude Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: If applicable, any malfunction of monitoring equipment or the startup/shutdown of affected facility.	40 CFR 63.1 - 63.15		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions.	40 CFR 63.1 - 63.15		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-002	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY
TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-002 Crude Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-003	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY
TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-003 Crude Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility will comply with the general provisions of this Subpart.	40 CFR 60.1 - 60.19		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY MONITORING: Any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 60.1- 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or any periods during which a CEMS (if applicable) or monitoring device is inoperative.	40 CFR 60.1 - 60.19	N/A	

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY
TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-003 Crude Oil	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations (if applicable); and Quarterly reports of excess emissions from CEMS (if applicable).	40 CFR 60.1 - 60.19	Quarterly Excess Emissions from CEMS, if applicable	
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Comply with recordkeeping requirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Comply with reporting requirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Comply with testing reuqirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: EFR for storage vessel (with capacity > 40,000 gal. and which stores petroleum liquid with TVP between 1.5 psia and 11.1 psia) to be equipped with a closure device consisting of primary and secondary seals.	40 CFR 60.110(a)		

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY
TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-003 Crude Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Source is applicable to control requirements of 40 CFR 60 Subpart Ka, maintain records for Group 2 storage vessels as required by this subpart.	40 CFR 63.640		
100-T-004	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY
TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-004 Crude Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility will comply with the general provisions of this Subpart.	40 CFR 60.1 - 60.19		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY MONITORING: Any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 60.1- 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or any periods during which a CEMS (if applicable) or monitoring device is inoperative.	40 CFR 60.1 - 60.19	N/A	

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Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-004 Crude Oil	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations (if applicable); and Quarterly reports of excess emissions from CEMS (if applicable).	40 CFR 60.1 - 60.19	Quarterly Excess Emissions from CEMS, if applicable	
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Comply with recordkeeping requirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Comply with reporting requirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Comply with testing reuqirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: EFR for storage vessel (with capacity > 40,000 gal. and which stores petroleum liquid with TVP between 1.5 psia and 11.1 psia) to be equipped with a closure device consisting of primary and secondary seals.	40 CFR 60.110(a)		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-004 Crude Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Source is applicable to control requirements of 40 CFR 60 Subpart Ka, maintain records for Group 2 storage vessels as required by this subpart.	40 CFR 63.640		
100-T-005	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-005 Crude Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility will comply with the general provisions of this Subpart.	40 CFR 60.1 - 60.19		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY MONITORING: Any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 60.1- 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or any periods during which a CEMS (if applicable) or monitoring device is inoperative.	40 CFR 60.1 - 60.19	N/A	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-005 Crude Oil	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations (if applicable); and Quarterly reports of excess emissions from CEMS (if applicable).	40 CFR 60.1 - 60.19	Quarterly Excess Emissions from CEMS, if applicable	
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Comply with recordkeeping requirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Comply with reporting requirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Comply with testing reuqirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: EFR for storage vessel (with capacity > 40,000 gal. and which stores petroleum liquid with TVP between 1.5 psia and 11.1 psia) to be equipped with a closure device consisting of primary and secondary seals.	40 CFR 60.110(a)		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-005 Crude Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Source is applicable to control requirements of 40 CFR 60 Subpart Ka, maintain records for Group 2 storage vessels as required by this subpart.	40 CFR 63.640		
100-T-006	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		

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Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-006 Crude Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility will comply with the general provisions of this Subpart.	40 CFR 60.1 - 60.19		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY MONITORING: Any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 60.1- 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or any periods during which a CEMS (if applicable) or monitoring device is inoperative.	40 CFR 60.1 - 60.19	N/A	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-006 Crude Oil	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations (if applicable); and Quarterly reports of excess emissions from CEMS (if applicable).	40 CFR 60.1 - 60.19	Quarterly Excess Emissions from CEMS, if applicable	
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Comply with recordkeeping requirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Comply with reporting requirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Comply with testing reuqirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: EFR for storage vessel (with capacity > 40,000 gal. and which stores petroleum liquid with TVP between 1.5 psia and 11.1 psia) to be equipped with a closure device consisting of primary and secondary seals.	40 CFR 60.110(a)		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-006 Crude Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations, and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Source is applicable to control requirements of 40 CFR 60 Subpart Ka, maintain records for Group 2 storage vessels as required by this subpart.	40 CFR 63.640		
100-T-007	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-007 Crude Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility will comply with the general provisions of this Subpart.	40 CFR 60.1 - 60.19		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY MONITORING: Any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 60.1- 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or any periods during which a CEMS (if applicable) or monitoring device is inoperative.	40 CFR 60.1 - 60.19	N/A	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-007 Crude Oil	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations (if applicable); and Quarterly reports of excess emissions from CEMS (if applicable).	40 CFR 60.1 - 60.19	Quarterly Excess Emissions from CEMS, if applicable	
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Comply with recordkeeping requirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Comply with reporting requirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Comply with testing reuqirements for Group 2 storage vessel.	40 CFR 60.113(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: EFR for storage vessel (with capacity > 40,000 gal. and which stores petroleum liquid with TVP between 1.5 psia and 11.1 psia) to be equipped with a closure device consisting of primary and secondary seals.	40 CFR 60.110(a)		

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-007 Crude Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility shall comply with the general provisions of this Subpart.	40 CFR 63.1 - 63.15		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility.	40 CFR 63.1 - 63.15		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: If applicable, any malfunction of monitoring equipment or the startup/shutdown of affected facility.	40 CFR 63.1 - 63.15		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions.	40 CFR 63.1 - 63.15		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-007 Crude Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Source is applicable to control requirements of 40 CFR 60 Subpart Ka, maintain records for Group 2 storage vessels as required by this subpart.	40 CFR 63.640		
100-T-101 Slop Gasoline	Storage of Volatile Organic Compounds- (LAC 33:III 2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109 A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-101 Slop Gasoline	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-101 Slop Gasoline	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-102	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-102 Slop Gasoline	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-102 Slop Gasoline	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-103 Other Petrochemicals and Lt. Reformate	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-103 Other Petrochemicals and Lt. Reformate	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63.100		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-103 Other Petrochemicals and Lt. Reformate	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel which stores total organic HAPs having a max. TVP < 11.2 psia shall reduce emissions by operating and maintaining either a fixed roof and IFR, an EFR, an EFR converted to an IFR, or a closed vent system and control device, or equivalent control.	40 CFR 63 119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY MONITORING: Parameters and frequency defined by operator and included in Implementation Plan.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Keep records of (a) vessel dimensions and capacity analysis, (b) all reports which must be submitted, (c) the measured values of monitored parameters specified in the Notification of Compliance Status Report, and (d) the planned routine maintenance performed on control device (including info. specified in 63.123(f)(2)(i) and (f)(2)(ii)).	40 CFR 63.119(a)(1)		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-103 Other Petrochemicals and Lt. Reformate	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports to include an Initial Notification, an Implementation Plan, and a Notification of Compliance Status (which may include perf. test results demonstrating compliance). Also, Periodic Reports to include info. on planned routine maintenance and descriptions of occurrences when monitored parameters are out of range.	40 CFR 63.119(a)(1)		
100-T-104 Naphtha	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-104 Naphtha	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-104 Naphtha	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-105	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-105 Naphtha	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment, Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-105 Naphtha	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-106 Other Petrochemicals and Lt. Reformate	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-106 Other Petrochemicals and Lt. Reformate	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63.100		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-106 Other Petrochemicals and Lt. Reformate	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel which stores total organic HAPs having a max. TVP < 11.2 psia shall reduce emissions by operating and maintaining either a fixed roof and IFR, an EFR, an EFR converted to an IFR, or a closed vent system and control device, or equivalent control.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY MONITORING: Parameters and frequency defined by operator and included in Implementation Plan.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Keep records of (a) vessel dimensions and capacity analysis, (b) all reports which must be submitted, (c) the measured values of monitored parameters specified in the Notification of Compliance Status Report, and (d) the planned routine maintenance performed on control device (including info. specified in 63.123(f)(2)(i) and (f)(2)(ii)).	40 CFR 63.119(a)(1)		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-106 Other Petrochemicals and Lt. Refonnate	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports to include an Initial Notification, an Implementation Plan, and a Notification of Compliance Status (which may include perf. test results demonstrating compliance). Also, Periodic Reports to include info. on planned routine maintenance and descriptions of occurrences when monitored parameters are out of range.	40 CFR 63.119(a)(1)		
100-T-107 Benzene	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-107 Benzene	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-107 Benzene	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel which stores total organic HAPs having a max. TVP < 11.2 psia shall reduce emissions by operating and maintaining either a fixed roof and IFR, an EFR, an EFR converted to an IFR, or a closed vent system and control device, or equivalent control.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY MONITORING: Parameters and frequency defined by operator and included in Implementation Plan.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Keep records of (a) vessel dimensions and capacity analysis, (b) all reports which must be submitted, (c) the measured values of monitored parameters specified in the Notification of Compliance Status Report, and (d) the planned routine maintenance performed on control device (including info. specified in 63.123(f)(2)(i) and (f)(2)(ii)).	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports to include an Initial Notification, an Implementation Plan, and a Notification of Compliance Status (which may include perf. test results demonstrating compliance). Also, Periodic Reports to include info. on planned routine maintenance and descriptions of occurrences when monitored parameters are out of range.	40 CFR 63.119(a)(1)		
100-T-108	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-108 Benzene	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-108 . Benzene	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63 100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-108 Benzene	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel which stores total organic HAPs having a max. TVP < 11.2 psia shall reduce emissions by operating and maintaining either a fixed roof and IFR, an EFR, an EFR converted to an IFR, or a closed vent system and control device, or equivalent control.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY MONITORING: Parameters and frequency defined by operator and included in Implementation Plan.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Keep records of (a) vessel dimensions and capacity analysis, (b) all reports which must be submitted, (c) the measured values of monitored parameters specified in the Notification of Compliance Status Report, and (d) the planned routine maintenance performed on control device (including info. specified in 63.123(f)(2)(i) and (f)(2)(ii)).	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports to include an Initial Notification, an Implementation Plan, and a Notification of Compliance Status (which may include perf. test results demonstrating compliance). Also, Periodic Reports to include info. on planned routine maintenance and descriptions of occurrences when monitored parameters are out of range.	40 CFR 63.119(a)(1)		
100-T-109 Distillates	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-109 Distillates	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-110 Heavy Oils	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-110 Heavy Oils	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-111	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-111 Heavy Oils	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-112	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-112 Heavy Oils	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-113 Naphtha and Distillates	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-113 Naphtha and Distillates	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility will comply with the general provisions of this Subpart.	40 CFR 60.1 - 60.19		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY MONITORING: Any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 60.1- 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or any periods during which a CEMS (if applicable) or monitoring device is inoperative.	40 CFR 60.1 - 60.19	N/A	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-113 Naphtha and Distillates	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations (if applicable); and Quarterly reports of excess emissions from CEMS (if applicable).	40 CFR 60.1 - 60.19	Quarterly Excess Emissions from CEMS, if applicable	
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Comply with recordkeeping requirements of 60.110 for Group 1 vessel.	40 CFR 60.110(a)		
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Comply with reporting requirements of 60.110 for Group 1 vessel.	40 CFR 60.110(a)		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-113 Naphtha and Distillates	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment, Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-113 Naphtha and Distillates	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel which stores total organic HAPs having a max. TVP < 11.2 psia shall reduce emissions by operating and maintaining either a fixed roof and IFR, an EFR, an EFR converted to an IFR, or a closed vent system and control device, or equivalent control.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY MONITORING: Parameters and frequency defined by operator and included in Implementation Plan.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Keep records of (a) vessel dimensions and capacity analysis, (b) all reports which must be submitted, (c) the measured values of monitored parameters specified in the Notification of Compliance Status Report, and (d) the planned routine maintenance performed on control device (including info. specified in 63.123(f)(2)(i) and (f)(2)(ii)).	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports to include an Initial Notification, an Implementation Plan, and a Notification of Compliance Status (which may include perf. test results demonstrating compliance). Also, Periodic Reports to include info. on planned routine maintenance and descriptions of occurrences when monitored parameters are out of range.	40 CFR 63.119(a)(1)		
100-T-114 Slop Gasoline	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-114 Slop Gasoline	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility will comply with the general provisions of this Subpart.	40 CFR 60.1 - 60.19		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY MONITORING: Any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 60.1 - 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or any periods during which a CEMS (if applicable) or monitoring device is inoperative.	40 CFR 60.1 - 60.19	N/A	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-114 Slop Gasoline	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations (if applicable); and Quarterly reports of excess emissions from CEMS (if applicable).	40 CFR 60.1 - 60.19	Quarterly Excess Emissions from CEMS, if applicable	
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: An EFR shall be equipped with : a) two seals between the wall of the storage vessel and the roof edge b) a primary seal that consists of either a mechanical seal or a liquid mounted seal c) a secondary seal that completely covers the annular space between the floating roof and the wall of the storage vessel in a continuous fashion.	40 CFR 60.110(b)		
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Comply with recordkeeping requirements for Group 1 storage vessel.	40 CFR 60.114(b)		
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Comply with reporting requirements for Group 1 storage vessel.	40 CFR 60.114(b)		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-114 Slop Gasoline	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Comply with testing requirements for Group 1 storage vessel.	40 CFR 60.113(b)		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-114 Slop Gasoline	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Source is applicable to control requirements of 40 CFR 60 Subpart Kb, maintain records for Group 1 storage vessel as required by this subpart.	40 CFR 63.640		
100-T-125 Slop Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-125 Slop Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-125 Slop Oil	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-126	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-126 Slop Oil	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-126 Slop Oil	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-127 Heavy Oils	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-127 Heavy Oils	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-128	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-128 Heavy Oils	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-130	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-130 Heavy Oils	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-200 Lt. Gasoline Blending Components and Distillates	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-200 Lt. Gasoline Blending Components and Distillates	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-200 Lt. Gasoline Blending Components and Distillates	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-200 Lt. Gasoline Blending Components and Distillates	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-201 Other Petrochemicals and Mixed Xylenes	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-201 Other Petrochemicals and Mixed Xylenes	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63.100		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-201 Other Petrochemicals and Mixed Xylenes	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel which stores total organic HAPs having a max. TVP < 11.2 psia shall reduce emissions by operating and maintaining either a fixed roof and IFR, an EFR, an EFR converted to an IFR, or a closed vent system and control device, or equivalent control.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY MONITORING: Parameters and frequency defined by operator and included in Implementation Plan.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Keep records of (a) vessel dimensions and capacity analysis, (b) all reports which must be submitted, (c) the measured values of monitored parameters specified in the Notification of Compliance Status Report, and (d) the planned routine maintenance performed on control device (including info. specified in 63.123(f)(2)(i) and (f)(2)(ii)).	40 CFR 63.119(a)(1)		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-201 Other Petrochemicals and Mixed Xylenes	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports to include an Initial Notification, an Implementation Plan, and a Notification of Compliance Status (which may include perf. test results demonstrating compliance). Also, Periodic Reports to include info. on planned routine maintenance and descriptions of occurrences when monitored parameters are out of range.	40 CFR 63.119(a)(1)		
100-T-202 Lt. Gasoline Blending Components	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-202 Lt. Gasoline Blending Components	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-202 Lt. Gasoline Blending Components	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-203 Xylene	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-203 Xylene	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-203 Xylene	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Records showing tank dimensions and analysis showing capacity. Records to be kept as long as Group 2 tank is in operation.	40 CFR 63.119		
100-T-204 Lt. Gasoline Blending Components and Distillates	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-204 Lt. Gasoline Blending Components and Distillates	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-204 Lt. Gasoline Blending Components and Distillates	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-211 Lt. Gasoline Blending Components	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-211 Lt. Gasoline Blending Components	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-211 Lt. Gasoline Blending Components	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-212	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-212 Lt. Gasoline Blending Components	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-212 Lt. Gasoline Blending Components	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-212 Lt. Gasoline Blending Components	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-213 Heavy Blending Components	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-213 Heavy Blending Components	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-250 Mixed Xylenes (Swing Tank)	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-250 Mixed Xylenes (Swing Tank)	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General provisions are applicable to the owner or operator of any stationary source for which a standard is prescribed per part 61.	40 CFR 61.01 - 61.19		
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Emission test records to be kept for 5 years.	40 CFR 61.01 - 61.19	Every 5 years	
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Initial startup of affected facility (with information required per 40 CFR 61.10(a)); Notification of emissions testing.	40 CFR 61.01 - 61.19		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-250 Mixed Xylenes (Swing Tank)	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel which stores total organic HAPs having a max. TVP < 11.2 psia shall reduce emissions by operating and maintaining either a fixed roof and IFR, an EFR, an EFR converted to an IFR, or a closed vent system and control device, or equivalent control.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY MONITORING: Parameters and frequency defined by operator and included in Implementation Plan.	40 CFR 63.119(a)(1)		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-250 Mixed Xylenes (Swing Tank)	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Keep records of (a) vessel dimensions and capacity analysis, (b) all reports which must be submitted, (c) the measured values of monitored parameters specified in the Notification of Compliance Status Report, and (d) the planned routine maintenance performed on control device (including info. specified in 63.123(f)(2)(i) and (f)(2)(ii)).	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports to include an Initial Notification, an Implementation Plan, and a Notification of Compliance Status (which may include perf. test results demonstrating compliance). Also, Periodic Reports to include info. on planned routine maintenance and descriptions of occurrences when monitored parameters are out of range.	40 CFR 63.119(a)(1)		
100-T-251 Gasoline	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-251 Gasoline	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109 A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-251 Gasoline	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-300 Distillates	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-300 Distillates	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-301	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-301 Distillates	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-302 Gasoline	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-302 Gasoline	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109 A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-302 Gasoline	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-303	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-303 Gasoline	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III 2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-303 Gasoline	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-303 Gasoline	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63 646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-310 Distillates	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-310 Distillates	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-311	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-311 Distillates	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-312	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-312 Distillates	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-313	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility will comply with the general provisions of this Subpart.	40 CFR 60.1 - 60.19		
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY MONITORING: Any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 60.1- 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or any periods during which a CEMS (if applicable) or monitoring device is inoperative.	40 CFR 60.1 - 60.19	N/A	
	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1 thru 60.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations (if applicable); and Quarterly reports of excess emissions from CEMS (if applicable).	40 CFR 60.1 - 60.19	Quarterly Excess Emissions from CEMS, if applicable	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-313 Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Based on vapor pressure, the source is subject to requirements of 60.116b only.	40 CFR 60.116(b)		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-325 Heavy Blending Components	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-325 Heavy Blending Components	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-326 Mixed Xylenes (Swing Tank)	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-326 Mixed Xylenes (Swing Tank)	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General provisions are applicable to the owner or operator of any stationary source for which a standard is prescribed per part 61.	40 CFR 61.01 - 61.19		
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Emission test records to be kept for 5 years.	40 CFR 61.01 - 61.19	Every 5 years	
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Initial startup of affected facility (with information required per 40 CFR 61.10(a)); Notification of emissions testing.	40 CFR 61.01 - 61.19		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-326 Mixed Xylenes (Swing Tank)	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		
	National Emission Standards for Organic HAPs - Process Vent Provisions - Subpart G (40 CFR 63.113(a)(2))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Reduce emissions of total organic HAP by 98 wt % or to 20 ppmv on a dry basis corrected to 3% O2. Compliance determined by procedures outlined in 63.116(c).	40 CFR 63.113(a)(2)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY MONITORING: Parameters and frequency defined by operator and included in Implementation Plan.	40 CFR 63.119(a)(1)		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-326 Mixed Xylenes (Swing Tank)	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Keep records of (a) vessel dimensions and capacity analysis, (b) all reports which must be submitted, (c) the measured values of monitored parameters specified in the Notification of Compliance Status Report, and (d) the planned routine maintenance performed on control device (including info. specified in 63.123(f)(2)(i) and (f)(2)(ii)).	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports to include an Initial Notification, an Implementation Plan, and a Notification of Compliance Status (which may include perf. test results demonstrating compliance). Also, Periodic Reports to include info. on planned routine maintenance and descriptions of occurrences when monitored parameters are out of range.	40 CFR 63.119(a)(1)		
100-T-350 Distillates	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-350 Distillates	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-351 Gasoline	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-351 Gasoline	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-351 Gasoline	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-400 Benzene	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-400 Benzene	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-400 Benzene	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-400 Benzene	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel which stores total organic HAPs having a max. TVP < 11.2 psia shall reduce emissions by operating and maintaining either a fixed roof and IFR, an EFR, an EFR converted to an IFR, or a closed vent system and control device, or equivalent control.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY MONITORING: Parameters and frequency defined by operator and included in Implementation Plan.	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Keep records of (a) vessel dimensions and capacity analysis, (b) all reports which must be submitted, (c) the measured values of monitored parameters specified in the Notification of Compliance Status Report, and (d) the planned routine maintenance performed on control device (including info. specified in 63.123(f)(2)(i) and (f)(2)(ii)).	40 CFR 63.119(a)(1)		
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119(a)(1))	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports to include an Initial Notification, an Implementation Plan, and a Notification of Compliance Status (which may include perf. test results demonstrating compliance). Also, Periodic Reports to include info. on planned routine maintenance and descriptions of occurrences when monitored parameters are out of range.	40 CFR 63.119(a)(1)		
100-T-401 Heavy Oils	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III 5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-401 Heavy Oils	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.654)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records for determination of Group 2 storage vessel.	40 CFR 63.654		
100-T-600 Crude Oil and Slop Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-600 Crude Oil and Slop Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-600 Crude Oil and Slop Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-601 Crude Oil and Slop Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-601 Crude Oil and Slop Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-601 Crude Oil and Slop Oil	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-625 Slop Oil	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-625 Slop Oil	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-625 Slop Oil	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually – reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
100-T-626	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-626 Slop Oil	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
100-T-626 Slop Oil	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Group 1 storage vessel shall maintain an EFR per the requirements of 63.119-63.121 of SOCMI HON Subpart G (except for the provisions for gaskets, slotted membranes, and sleeve seals).	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY MONITORING: Periodic external visual inspection of vessel and roof seals; Internal inspections.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Info. specified in 63.123 of SOCMI HON Subpart G (e.g., dimensions of storage vessel, analysis showing storage capacity of vessel, and records of seal gap measurement results) and records of all required reports. Records related to gaskets, slotted membranes, and sleeve seals are not required for existing vessels. Records to be kept for 5 years.	40 CFR 63.646		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Storage Vessel Provisions (40 CFR 63.646)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Notification of Compliance Status report within 150 days after compliance dates (Title V application satisfies this requirement) – report to include results of Group determinations; Periodic Reports submitted semiannually - reports to include applicable info. specified in 63.122(d), (e), (f), and (g) of SOCMI HON Subpart G (except info. related to gaskets, slotted membranes, and sleeve seals); Quarterly Reports for all emission points included in the emissions average; Other approved reports.	40 CFR 63.646		
408-T-1 Blending Additive Diluent	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
408-T-2 Blending Additive	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Storage vessel > 40 Kgal and TVP >= 1.5 psia must be equipped with submerged fill piping and an IFR, EFR, or CVS.	LAC 33:III.2103.B		
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY MONITORING: TVP and tank dimensions, initially, and after change of service	LAC 33:III.2103.B	Initially and after change of service.	
	Storage of Volatile Organic Compounds- (LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Results of Inspections. Date and reason for maintenance/repair of seals and estimated quantity/duration of VOC emissions during such activity. Keep records for at least 2 years.	LAC 33:III.2103.B	2 years	
	Storage of Volatile Organic Compounds-(LAC 33:III.2103)	REQUIREMENTS THAT SPECIFY PERFORMACE TESTING: Perform Testing for Seal Gap Area, Control Device Compliance and Vapor Pressure per LAC 2103.H	LAC 33:III.2103.H		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
408-T-3	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5109.A)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Proper operation is required to meet MACT.	LAC 33:III.5109.A		
412 Unit 412	Emission Inventory (EI) (LAC 33:III.919)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Retain records for 5 years.	LAC 33:III.919		
	Emission Inventory (EI) (LAC 33:III.919)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Emissions Inventory due March 31st of each year.	LAC 33:III.919	Annually, by March 31	

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
412 Unit 412	Emission Inventory (EI) (LAC 33:III.919)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Submit EI by March 31st of each year for the period January 1st to December 31st of previous year.	LAC 33:III.919		
	Control of Fugitive Emissions (LAC 33.III.1305)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: All reasonable precautions shall be taken to prevent particulate matter from becoming airborne.	LAC 33:III.1305		
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5107 and 5109) - STATE ONLY	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Impact of Toxic Air Pollutant (TAP) emissions on air quality shall be below the Ambient Air Standard (AAS). Submit the LTAP annual report by March 31st each year for the preceding calendar year. Submit discharge reports as required.	LAC 33:III.5107 and 5109	Annually, by March 31	YES
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5107 and 5109) - STATE ONLY	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Retain records for 5 years.	LAC 33:III.5107 and 5109		YES
	Comprehensive Toxic Air Pollutant Emission Control Program (LAC 33:III.5107 and 5109) - STATE ONLY	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Report due March 31st of each year	LAC 33:III.5107 and 5109	Annually, by March 31	YES
	Prevention of Air Pollution Emergency Episode (LAC 33:III.5609 and 5611)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Maintain standby plans for emissions reduction during emergency episodes.	LAC 33:III.5609 and 5611		
	National Emission Standard for Benzene Waste Operations - Subpart FF (40 CFR 61.340)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Unit has no benzene waste. Refinery has > 10 Mg/yr of benzene from waste and must meet control, reporting and recordkeeping requirements. (See Title V permit, Unit 308W, Wastewater Treatment Unit).	40 CFR 61.340		
	Chemical Accident Prevention Provisions (40 CFR Part 68)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain Risk Management Plan as required by the regulation.	40 CFR Part 68		

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY
TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
412-A-FF Unit Fugitives	Control of Emissions of Organic Compounds - Pumps and Compressors (LAC 33:III.2111)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: All rotary pumps and compressors handling VOC with TVP >= 1.5 psia to be equipped with mechanical seals or equivalent approved equipment.	LAC 33:III.2111		
	Control of Emissions of Organic Compounds - Fugitive Emission Control (LAC 33:III.2121)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Compliance with Louisiana MACT for Refineries in accordance with streamlined fugitive monitoring program as indicated in the approved Louisiana Fugitive Emission Consolidation Program (LFECP).	LAC 33:III.2121		
	LA MACT Determination for Refinery Equipment Leaks	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Minimize emissions through LDAR program from equipment in VOTAP service such as pumps, compressors, PRDs, instrumentation systems, sampling connections, open-ended valves or lines, valves, flanges and other connectors, bottoms receivers, surge control vessels, and control devices or systems which operate > 300 hrs/yr. Compliance with the Louisiana MACT determination constitutes compliance with LAC 33:III.2121, LAC 33:III.51, NSPS Part 60 Subpart GGG, and NESHAP Part 63 Subpart CC.	LAC 33:III.5109.A		YES
	LA MACT Determination for Refinery Equipment Leaks	REQUIREMENTS THAT SPECIFY MONITORING: Quarterly for valves (G/V,LL), pumps (LL), and comp. seals; Upon PRD(G/V) release/repair; Within 5 days of release from pumps, valves, connect., agitate.(HL), and PRDs and instrument systems (LL/HL).	LAC 33:III.5109.A	Quarterly for valves (G/V,LL), pumps (LL), and comp. seals; Upon PRD(G/V) release/repair; Within 5 days of release from pumps, valves, connect., agitate.(HL), and PRDs and instrument systems (LL/HL).	YES
	LA MACT Determination for Refinery Equipment Leaks	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Records per the requirements described in LA MACT. Keep records on-site for at least 5 years.	LAC 33:III.5109.A		YES

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Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
412-A-FF Unit Fugitives	LA MACT Determination for Refinery Equipment Leaks	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Initial report of unit/equipment IDs, total no. connectors/unit, equipment type, VOTAP weight perc. and fluid state for equipment, and compliance method. Semi-annual report of unit ID and component leak info., dates of unit shutdowns within reporting period, facts explaining delay of repairs, results of any perf. tests, and any revisions to initial report.	LAC 33:III.5109.A	Semi-annually	YES
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Any stationary source which contains an affected facility shall comply with the general provisions of this Subpart.	40 CFR 63.1 - 63.15		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility.	40 CFR 63.1 - 63.15		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: If applicable, any malfunction of monitoring equipment or the startup/shutdown of affected facility.	40 CFR 63.1 - 63.15		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions.	40 CFR 63.1 - 63.15		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Compliance with Louisiana MACT for Refineries in accordance with streamlined fugitive monitoring program as indicated in the approved Louisiana Fugitive Emission Consolidation Program (LFECP).	40 CFR 63.640		

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Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
412-A-FF Unit Fugitives	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	REQUIREMENTS THAT SPECIFY MONITORING: Monthly for valves (G/V,LL) and pumps (LL), daily for comp. sensors, upon PRD (G/V) release/repair, and within 5 days of release from pumps and valves (HL), PRDs (LL or HL), and flanges	40 CFR 63.640	Monthly for valves (G/V,LL) and pumps (LL), daily for comp. sensors, upon PRD (G/V) release/repair, and within 5 days of release from pumps and valves (HL), PRDs (LL or HL), and flanges	
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Survey log of instrument, operator, and equipment IDs; dates of leak detection and repair; repair methods; "Above 10,000" for leak; "Repaired Delayed" for delays; signature of delay decision-maker; expected date of successful repair, dates of units shutdowns during period of unrepair; and date of successful repair. Keep records on-site for 2 years.	40 CFR 63.640		
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Semi-annual report of unit ID and no. of components which (a) leaked and were repaired and (b) which leaked but were not repaired within 15 days. Also, facts explaining delay of repairs, dates of unit shutdowns, results of all performance tests, and any revisions to initial report.	40 CFR 63.640	Semi-annually	
412-S-FF	Control of Emissions of Organic Compounds - Pumps and Compressors (LAC 33:III.2111)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: All rotary pumps and compressors handling VOC with TVP >= 1.5 psia to be equipped with mechanical seals or equivalent approved equipment.	LAC 33:III.2111		
	Control of Emissions of Organic Compounds - Fugitive Emission Control (LAC 33:III.2121)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Compliance with Louisiana MACT for Refineries in accordance with streamlined fugitive monitoring program as indicated in the approved Louisiana Fugitive Emission Consolidation Program (LFECP).	LAC 33:III.2121		

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Offsites

Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
412-S-FF Unit Fugitives	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Sources which are included in specific source categories and emit one or more HAPs listed in Section 112(b) of the CAA shall be required to meet the general provisions of this Subpart and any applicable HAP emission standards.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY MONITORING: If applicable, any malfunction of monitoring equipment or the startup/shutdown of any control device.	40 CFR 63.1		
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; Any malfunction of control equipment; Or, if applicable, any periods during which a CEMS or monitoring device is inoperative. Records to be maintained for at least 5 years.	40 CFR 63.1	5 years	
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance test and opacity observations; and Quarterly reports of excess emissions from CEMS.	40 CFR 63.1	Quarterly	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: General standards for compliance, reporting, and recordkeeping provisions for sources subject to SOCMI HON.	40 CFR 63.100		
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY MONITORING: Applicable monitoring requirements (as described in Subparts F, G, or H) shall be met.	40 CFR 63.100		

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Emission Point ID No.:	Applicable Requirements	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
412-S-FF Unit Fugitives	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: All applicable records (described in Subparts F, G, or H) shall be kept for at least 5 years (with the most recent 2 years retained on-site).	40 CFR 63.100	At least 5 years (with the most recent 2 years retained on-site	
	National Emission Standards for Organic HAPs from SOCMI facilities - Subpart F (40 CFR 63.100)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: All applicable reports (as described in Subparts F, G, or H) shall be made.	40 CFR 63.100		
	National Emission Standards for Organic HAPs for Equipment Leaks- Subpart H (40 CFR 63.160)	REQUIREMENTS THAT LIMIT EMISSIONS OR OPERATIONS: Applies to all pumps, valves, connectors, sample connections, drains, PRDs, open-ended lines, surge control vessels, agitators, and closed vent systems and control devices which are in VOHAP service for >= 300 hr/yr.	40 CFR 63.160		
	National Emission Standards for Organic HAPs for Equipment Leaks- Subpart H (40 CFR 63.160)	REQUIREMENTS THAT SPECIFY MONITORING: Monthly measurement of hydrocarbon emissions (in ppm) whith respect to methane.	40 CFR 63.160		
	National Emission Standards for Organic HAPs for Equipment Leaks- Subpart H (40 CFR 63.160)	REQUIREMENTS THAT SPECIFY RECORDS TO BE KEPT AND REQUIREMENTS THAT SPECIFY RECORD RETENTION TIME: Daily records of testing and repairs.	40 CFR 63.160		
	National Emission Standards for Organic HAPs for Equipment Leaks- Subpart H (40 CFR 63.160)	REQUIREMENTS THAT SPECIFY REPORTS TO BE SUBMITTED: Semi-annual report of leaks not repaired within 15 days.	40 CFR 63.160		

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Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-H-1 Coker Charge Storage Heater	Emission Standard for Sulfur Dioxide (LAC 33:III.1503.C)	Exempt	EXEMPT. Units emitting <250 tpy SO2 may be exempted by DEQ.	LAC 33:III.1503.C
100-T-001 Crude Oil	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-002	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978	40 CFR 60.110(a)

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Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-002 Crude Oil	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-003	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank subject to NSPS Subpart Ka.	40 CFR 60.110
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	Group 2 storage vessels subject to the control requirements of 40 CFR 60 Subpart Ka are required to comply only with the provisions of 40 CFR 60, Subpart Ka, except as provided for in 63.640(n)(9)	40 CFR 63.640
100-T-004	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank subject to NSPS Subpart Ka.	40 CFR 60.110
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)

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Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-004 Crude Oil	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	Group 2 storage vessels subject to the control requirements of 40 CFR 60 Subpart Ka are required to comply only with the provisions of 40 CFR 60, Subpart Ka, except as provided for in 63.640(n)(9)	40 CFR 63.640
100-T-005	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank subject to NSPS Subpart Ka.	40 CFR 60.110
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	Group 2 storage vessels subject to the control requirements of 40 CFR 60 Subpart Ka are required to comply only with the provisions of 40 CFR 60, Subpart Ka, except as provided for in 63.640(n)(9)	40 CFR 63.640
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	EXEMPT. Group 2 storage vessels subject to the control requirements of 40 CFR 60, Subpart Kb are required to comply only with the provisions of 40 CFR 60, Subpart Kb, except as provided for in 63.640(n)(8).	40 CFR 63.640
100-T-006	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank subject to NSPS Subpart Ka.	40 CFR 60.110

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-006 Crude Oil	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	Group 2 storage vessels subject to the control requirements of 40 CFR 60 Subpart Ka are required to comply only with the provisions of 40 CFR 60, Subpart Ka, except as provided for in 63.640(n)(9)	40 CFR 63.640
100-T-007	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank subject to NSPS Subpart Ka.	40 CFR 60.110
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	Group 2 storage vessels subject to the control requirements of 40 CFR 60 Subpart Ka are required to comply only with the provisions of 40 CFR 60, Subpart Ka, except as provided for in 63.640(n)(9)	40 CFR 63.640
100-T-101 Slop Gasoline	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-101 Slop Gasoline	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-102	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-103 Other Petrochemicals and Lt. Reformate	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-103 Other Petrochemicals and Lt. Reformate	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Equipment Leaks (40 CFR 63.648)	Does Not Apply	DOES NOT APPLY. This unit does not qualify as a petroleum refining unit. It is a SOCMI Unit.	40 CFR 63.648
100-T-104 Naphtha	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-104 Naphtha	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-105	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60 110(b)
100-T-106 Other Petrochemicals and Lt. Refonnate	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Perfonnance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-106 Other Petrochemicals and Lt. Reformate	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Equipment Leaks (40 CFR 63.648)	Does Not Apply	DOES NOT APPLY. This unit does not qualify as a petroleum refining unit. It is a SOCMI Unit.	40 CFR 63.648
100-T-107 Benzene	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)

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Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-107 Benzene	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. Therefore, general provisions of 40 CFR 61, Subpart A, superseded by 40 CFR 63, Subpart A.	40 CFR 61.01 - 61.19
	National Emission Standard for Benzene Emissions from Benzene Storage Vessels - Subpart Y (40 CFR 61.270)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. (After the compliance dates specified in 63.100 of 40 CFR 63, Subpart F, a Group 1 vessel subject to 40 CFR 61, Subpart Y, is required to comply only with 40 CFR 63, Subpart G).	40 CFR 63.110(b)(2)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Equipment Leaks (40 CFR 63.648)	Does Not Apply	DOES NOT APPLY. This unit does not qualify as a petroleum refining unit. It is a SOCMI Unit.	40 CFR 63.648
100-T-108	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)

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Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-108 Benzene	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. Therefore, general provisions of 40 CFR 61, Subpart A, superseded by 40 CFR 63, Subpart A.	40 CFR 61.01 - 61.19
	National Emission Standard for Benzene Emissions from Benzene Storage Vessels - Subpart Y (40 CFR 61.270)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. (After the compliance dates specified in 63.100 of 40 CFR 63, Subpart F, a Group 1 vessel subject to 40 CFR 61, Subpart Y, is required to comply only with 40 CFR 63, Subpart G).	40 CFR 63.110(b)(2)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Equipment Leaks (40 CFR 63.648)	Does Not Apply	DOES NOT APPLY. This unit does not qualify as a petroleum refining unit. It is a SOCMI Unit.	40 CFR 63.648
100-T-109 Distillates	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)

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Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-109 Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-110 Heavy Oils	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-111	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-111 Heavy Oils	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-112	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-112 Heavy Oils	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-113 Naphtha and Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank subject to NSPS Subpart Ka.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Exempt	Subpart Ka superseded by 40 CFR 63 Subpart CC. (After compliance dates specified in 63.640(h), a Group 1 vessel subject to 40 CFR 60, Subpart Ka, is required to comply only with 40 CFR 63, Subpart CC. 63.640(n)(5)	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. Therefore, general provisions of 40 CFR 61, Subpart A, superseded by 40 CFR 63, Subpart A.	40 CFR 61.01 - 61.19
	National Emission Standard for Benzene Emissions from Benzene Storage Vessels - Subpart Y (40 CFR 61.270)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. (After the compliance dates specified in 63.100 of 40 CFR 63, Subpart F, a Group 1 vessel subject to 40 CFR 61, Subpart Y, is required to comply only with 40 CFR 63, Subpart G).	40 CFR 63.110(b)(2)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-113 Naphtha and Distillates	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	EXEMPT. Source is associated with SOCMI process instead of refinery process.	40 CFR 63.640
100-T-114 Slop Gasoline	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank subject to NSPS Subpart Kb.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank subject to NSPS Subpart Kb.	40 CFR 60.110(a)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	EXEMPT. Group 2 storage vessels subject to the control requirements of 40 CFR 60, Subpart Kb are required to comply only with the provisions of 40 CFR 60, Subpart Kb, except as provided for in 63.640(n)(8).	40 CFR 63.640
100-T-125 Slop Oil	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-125 Slop Oil	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-126	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-127 Heavy Oils	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-127 Heavy Oils	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-128	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-130 Heavy Oils	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed after May 19, 1978.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Stored petroleum liquid has TVP < 1.5 psia.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-200 Lt. Gasoline Blending Components and Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-200 Lt. Gasoline Blending Components and Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-201 Other Petrochemicals and Mixed Xylenes	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. Therefore, general provisions of 40 CFR 61, Subpart A, superseded by 40 CFR 63, Subpart A.	40 CFR 61.01 - 61.19

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-201 Other Petrochemicals and Mixed Xylenes	National Emission Standard for Benzene Emissions from Benzene Storage Vessels - Subpart Y (40 CFR 61.270)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. (After the compliance dates specified in 63.100 of 40 CFR 63, Subpart F, a Group I vessel subject to 40 CFR 61, Subpart Y, is required to comply only with 40 CFR 63, Subpart G).	40 CFR 63.110(b)(2)
100-T-202 Lt. Gasoline Blending Components	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-203 Xylene	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-203 Xylene	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119)	Exempt	EXEMPT. Tank is a Group 2 source based on capacity and vapor pressure criteria and, therefore, exempt from the control requirements of the regulation.	40 CFR 63.119
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	EXEMPT. Source is associated with SOCMI process instead of refinery process.	40 CFR 63.640
100-T-204 Lt. Gasoline Blending Components and Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-204 Lt. Gasoline Blending Components and Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-211 Lt. Gasoline Blending Components	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-212	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY

TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-212 Lt. Gasoline Blending Components	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-213 Heavy Blending Components	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY

TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-250 Mixed Xylenes (Swing Tank)	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. Therefore, general provisions of 40 CFR 61, Subpart A, superseded by 40 CFR 63, Subpart A.	40 CFR 61.01 - 61.19
	National Emission Standard for Benzene Emissions from Benzene Storage Vessels - Subpart Y (40 CFR 61.270)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. (After the compliance dates specified in 63.100 of 40 CFR 63, Subpart F, a Group 1 vessel subject to 40 CFR 61, Subpart Y, is required to comply only with 40 CFR 63, Subpart G).	40 CFR 63.110(b)(2)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	EXEMPT. Source is associated with SOCMI process instead of refinery process.	40 CFR 63.640

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-251 Gasoline	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-300 Distillates	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY

TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-300 Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-301	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-302 Gasoline	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-302 Gasoline	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-303	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-310 Distillates	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-310 Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-311	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-311 Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-312	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-313	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-313 Distillates	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Exempt	EXEMPT. Tank exempt from control requirements; does not meet capacity/TVP applicability criteria.	40 CFR 60.110(b)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)		Group 2 storage vessels subject to the control requirements of 40 CFR 60 Subpart Kb are required to comply only with the provisions of 40 CFR 60, Subpart Kb, except as provided for in 63.640(n)(8)	40 CFR 63.640
100-T-325 Heavy Blending Components	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-326 Mixed Xylenes (Swing Tank),	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. Therefore, general provisions of 40 CFR 61, Subpart A, superseded by 40 CFR 63, Subpart A.	40 CFR 61.01 - 61.19
	National Emission Standard for Benzene Emissions from Benzene Storage Vessels - Subpart Y (40 CFR 61.270)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. (After the compliance dates specified in 63.100 of 40 CFR 63, Subpart F, a Group 1 vessel subject to 40 CFR 61, Subpart Y, is required to comply only with 40 CFR 63, Subpart G).	40 CFR 63.110(b)(2)
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	EXEMPT. Source is associated with SOCMI process instead of refinery process.	40 CFR 63.640

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-350 Distillates	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-351 Gasoline	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-351 Gasoline	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-400 Benzene	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. Therefore, general provisions of 40 CFR 61, Subpart A, superseded by 40 CFR 63, Subpart A.	40 CFR 61.01 - 61.19
	National Emission Standard for Benzene Emissions from Benzene Storage Vessels - Subpart Y (40 CFR 61.270)	Does Not Apply	DOES NOT APPLY. Subpart Y superseded by 40 CFR 63, Subparts F and G. (After the compliance dates specified in 63.100 of 40 CFR 63, Subpart F, a Group I vessel subject to 40 CFR 61, Subpart Y, is required to comply only with 40 CFR 63, Subpart G).	40 CFR 63.110(b)(2)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-400 Benzene	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Equipment Leaks (40 CFR 63.648)	Does Not Apply	DOES NOT APPLY. This unit does not qualify as a petroleum refining unit. It is a SOCMI Unit.	40 CFR 63.648
100-T-401 Heavy Oils	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-600 Crude Oil and Slop Oil	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-600 Crude Oil and Slop Oil	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-601	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-625 Slop Oil	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
100-T-626	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 6/11/73.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to May 18, 1978.	40 CFR 60.110(a)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-626 Slop Oil	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.110(b))	Does Not Apply	DOES NOT APPLY. Tank was constructed prior to 7/23/84.	40 CFR 60.110(b)
408-T-1 Blending Additive Diluent	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103
	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	Does Not Apply	DOES NOT APPLY. This Subpart does not apply since no MACT regulation applies to this source.	40 CFR 60.1
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Does Not Apply	DOES NOT APPLY. Tank capacity is less than 10,000 gallons.	40 CFR 63.640
408-T-2 Blending Additive	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	Does Not Apply	DOES NOT APPLY. This Subpart does not apply since no MACT regulation applies to this source.	40 CFR 60.1
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Does Not Apply	DOES NOT APPLY. Tank capacity is less than 10,000 gallons.	40 CFR 63.640
408-T-3	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. True vapor pressure is less than regulated level.	LAC 33:III.2103

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
408-T-3 Blending Additive	National Emission Standards for Organic HAPs from Source Categories - General Provisions - Subpart A (40 CFR 63.1)	Does Not Apply	DOES NOT APPLY. This Subpart does not apply since no MACT regulation applies to this source.	40 CFR 60.1
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63 640)	Does Not Apply	DOES NOT APPLY. Tank capacity is less than 10,000 gallons.	40 CFR 63.640
412-A-FF Unit Fugitives	New Source Performance Standards - General Provisions - Subpart A (40 CFR 60.1)	Does Not Apply	DOES NOT APPLY. This Subpart does not apply since no NSPS reg. applies to this source.	40 CFR 60.1
	Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry - Subpart VV- (40 CFR 60.480)	Does Not Apply	DOES NOT APPLY. Facility constructed prior to 1/5/81.	40 CFR 60.480
	Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries - Subpart GGG (40 CFR 60.590(b))	Does Not Apply	DOES NOT APPLY. Unit not constructed or modified after January 4, 1983. Proposed project does not meet definition of modification in regard to capital expenditure provision.	40 CFR 60.590(b)
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	Does Not Apply	DOES NOT APPLY. This Subpart does not apply since no NESHAP regulation applies to this source.	40 CFR 61.1
	National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene - Subpart J (40 CFR 61.110(a))	Does Not Apply	DOES NOT APPLY. Equipment contains or contacts a fluid that is < 10% wt benzene.	40 CFR 61.110(a)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Offsites

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
412-A-FF Unit Fugitives	National Emission Standards for Equipment Leaks -Subpart V (40 CFR 61.240(a))	Does Not Apply	DOES NOT APPLY. Equipment not in VHAP service.	40 CFR 61.240(a)
412-S-FF	New Source Performance Standards.- General Provisions - Subpart A (40 CFR 60.1)	Does Not Apply	DOES NOT APPLY. This Subpart does not apply since no NSPS reg. applies to this source.	40 CFR 60.1
	Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry - Subpart VV- (40 CFR 60.480)	Does Not Apply	DOES NOT APPLY. Facility constructed prior to 1/5/81.	40 CFR 60.480
	Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries - Subpart GGG (40 CFR 60.590(b))	Does Not Apply	DOES NOT APPLY. Unit not constructed or modified after January 4, 1983. Proposed project does not meet definition of modification in regard to capital expenditure provision.	40 CFR 60.590(b)
	National Emission Standards for HAPs - Subpart A (40 CFR 61.01 thru 61.19)	Does Not Apply	DOES NOT APPLY. This Subpart does not apply since no NESHAP regulation applies to this source.	40 CFR 61.1
	National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene - Subpart J (40 CFR 61.110)	Does Not Apply	DOES NOT APPLY. Equipment subject to HON Subpart H.	40 CFR 61.110
	National Emission Standards for Equipment Leaks -Subpart V (40 CFR 61.240)	Does Not Apply	DOES NOT APPLY. Equipment subject to HON Subpart H.	40 CFR 61.240

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Naphfining Unit / Catalytic Reforming Unit / Aromatic Extraction Unit / Thermal Hydro Dealkylation Unit

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-BDT Benzene Day Storage Tank	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed after May 19, 1978.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed after July 23, 1984	40 CFR 60.110(a)
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 - Subpart Kb (40 CFR 60.112(a)(3))	Does Not Apply	DOES NOT APPLY. Source is subject to 40 CFR 63.119(e) and, therefore, not subject to the requirements of this regulation.	40 CFR 60.112(a)(3)
	National Emission Standard for Benzene Emissions from Benzene Storage Vessels - Subpart Y (40 CFR 61.270)	Does Not Apply	DOES NOT APPLY. Vessel is subject to HON regulation for Storage Vessels which is more stringent.	40 CFR 61.270
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC, Equipment Leaks (40 CFR 63.648)	Does Not Apply	DOES NOT APPLY. This unit does not qualify as a petroleum refining unit. It is a SOCMI Unit.	40 CFR 63.648
100-T-HCR Heartcut Reformate Storage Tank	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. VOCs loaded have a TVP < 1.5 psia. Tank will comply with Recordkeeping and Reporting requirements per LAC 33:III.2103.	LAC 33:III.2103

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Naphfining Unit / Catalytic Reforming Unit / Aromatic Extraction Unit / Thermal Hydro Dealkylation Unit

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
100-T-HCR Heartcut Reformate Storage Tank	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Tank was constructed after May 19, 1978.	40 CFR 60.110
	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 - Subpart Ka (40 CFR 60.110(a))	Does Not Apply	DOES NOT APPLY. Tank was constructed after July 23, 1984	40 CFR 60.110(a)
	National Emission Standards for Organic HAPs - Storage Vessel Provisions - Subpart G (40 CFR 63.119)	Does Not Apply	DOES NOT APPLY. Stored materials not subject to the HON.	40 CFR 63.119
	National Emission Standard for HAPs from Petroleum Refineries - Subpart CC (40 CFR 63.640)	Exempt	EXEMPT. Group 2 storage vessels subject to the control requirements of 40 CFR 60, Subpart Kb are required to comply only with the provisions of 40 CFR 60, Subpart Kb, except as provided for in 63.640(n)(8).	40 CFR 63.640
1391-FF Unit Fugitives	Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry - Subpart VV- (40 CFR 60.480(a)(1))	Does Not Apply	DOES NOT APPLY. Chemicals produced as intermediates or final products by this unit are not classified as SOCMI chemicals.	40 CFR 60.480(a)(1)
	Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries - Subpart GGG (40 CFR 60.590(b))	Does Not Apply	DOES NOT APPLY. Unit not constructed or modified after January 4, 1983. Proposed project does not meet definition of modification in regard to capital expenditure provision.	40 CFR 60.590(b)

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Naphfining Unit / Catalytic Reforming Unit / Aromatic Extraction Unit / Thermal Hydro Dealkylation Unit

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
1391-FF Unit Fugitives	National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene - Subpart J (40 CFR 61.110(a))	Does Not Apply	DOES NOT APPLY. Equipment contains or contacts a fluid that is < 10% wt benzene.	40 CFR 61.110(a)
	National Emission Standards for Organic HAPs for Equipment Leaks- Subpart H (40 CFR 63.160)	Does Not Apply	DOES NOT APPLY. Facility is a non SOCMI facility.	40 CFR 63.160
1391-H-1 Catalytic Reformer Feed Heater No. 1	Emission Standard for Sulfur Dioxide (LAC 33:III.1503.C)	Does Not Apply	Discharge gases shall not exceed 2,000 ppmv for 3-hr average. Units emitting <250 tpy SO2 may be exempted by DEQ.	LAC 33:III.1503.C
1391-H-2/3 Catalytic Reformer Feed Heaters No. 2 & 3	Emission Standard for Sulfur Dioxide (LAC 33:III.1503.C)	Does Not Apply	Discharge gases shall not exceed 2,000 ppmv for 3-hr average. Units emitting <250 tpy SO2 may be exempted by DEQ.	LAC 33:III.1503.C
1391-H-4 Depentanizer Reboiler	Emission Standard for Sulfur Dioxide (LAC 33:III.1503.C)	Does Not Apply	Discharge gases shall not exceed 2,000 ppmv for 3-hr average. Units emitting <250 tpy SO2 may be exempted by DEQ.	LAC 33:III.1503.C
1391-H-5 Dry Reactivation Heater	Emission Standard for Sulfur Dioxide (LAC 33:III.1503.C)	Does Not Apply	Discharge gases shall not exceed 2,000 ppmv for 3-hr average. Units emitting <250 tpy SO2 may be exempted by DEQ.	LAC 33:III.1503.C
1791-FF Unit Fugitives	Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry - Subpart VV- (40 CFR 60.480)	Does Not Apply	DOES NOT APPLY. Source subject to SOCMI Part H and therefore exempt from NSPS.	40 CFR 60.480

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Naphfining Unit / Catalytic Reforming Unit / Aromatic Extraction Unit / Thermal Hydro Dealkylation Unit

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
1791-FF Unit Fugitives	Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries - Subpart GGG (40 CFR 60.590(b))	Does Not Apply	DOES NOT APPLY. Unit not constructed or modified after January 4, 1983. Proposed project does not meet definition of modification in regard to capital expenditure provision.	40 CFR 60.590(b)
	National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene - Subpart J (40 CFR 61.110)	Does Not Apply	DOES NOT APPLY. Equipment subject to HON Subpart H.	40 CFR 61.110
	National Emission Standards for Equipment Leaks -Subpart V (40 CFR 61.240)	Does Not Apply	DOES NOT APPLY. Equipment subject to HON Subpart H.	40 CFR 61.240
1791-H-1 Refornate Splitter Reboiler	Emission Standard for Sulfur Dioxide (LAC 33:III.1503.C)	Does Not Apply	Discharge gases shall not exceed 2,000 ppmv for 3-hr average. Units emitting <250 tpy SO2 may be exempted by DEQ.	LAC 33:III.1503.C
1791-T-1 Solvent Storage Tank	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. Loaded VOCs have TVP < 1.5 psia.	LAC 33:III.2103
	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Storage capacity < 40,000 gal.	40 CFR 61.110
1791-T-2	Storage of Volatile Organic Compounds - (LAC 33:III.2103)	Does Not Apply	DOES NOT APPLY. Loaded VOCs have TVP < 1.5 psia.	LAC 33:III.2103

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Naphfining Unit / Catalytic Reforming Unit / Aromatic Extraction Unit / Thermal Hydro Dealkylation Unit

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
1791-T-2 Solvent Storage Tank	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 - Subpart K (40 CFR 60.110)	Does Not Apply	DOES NOT APPLY. Storage capacity < 40,000 gal.	40 CFR 61.110
1791-U-1X Recovery Column Steam Jet (Vents to low pressure flare, Source ID 308F-D-1)	Waste Gas Disposal LAC 33:III.2115 - SIP APPROVED	Does Not Apply	DOES NOT APPLY. This source is subject to LAC 33:III.2147, NSPS Subpart NNN, NSPS Subpart RRR or HON Subpart G and therefore, due to the overlap, LAC 33:III.2115 does not apply.	LAC 33:III.2115
	Compliance Assurance Monitoring (CAM) 40 CFR Part 64	Does Not Apply	DOES NOT APPLY. This emission point is a HON-Regulated Control Device. Units subject to NESHAP standards promulgated after November 15, 1990 are exempt from CAM as specified at 40 CFR 64.2(b)(1)(i).	40 CFR Part 64
1791-U-2X Recovery Column Receiver Steam Jet (Vents to low pressure flare, Source ID 308F-D-1)	Waste Gas Disposal LAC 33:III.2115 - SIP APPROVED	Does Not Apply	DOES NOT APPLY. This source is subject to LAC 33:III.2147, NSPS Subpart NNN, NSPS Subpart RRR or HON Subpart G and therefore, due to the overlap, LAC 33:III.2115 does not apply.	LAC 33:III.2115
	Compliance Assurance Monitoring (CAM) 40 CFR Part 64	Does Not Apply	DOES NOT APPLY. This emission point is a HON-Regulated Control Device. Units subject to NESHAP standards promulgated after November 15, 1990 are exempt from CAM as specified at 40 CFR 64.2(b)(1)(i).	40 CFR Part 64
1791-V-11 Raffinate Splitter Receiver Vent (Vents to low pressure flare, Source ID 308F-D-1)	Waste Gas Disposal LAC 33:III.2115 - SIP APPROVED	Does Not Apply	DOES NOT APPLY. This source is subject to LAC 33:III.2147, NSPS Subpart NNN, NSPS Subpart RRR or HON Subpart G and therefore, due to the overlap, LAC 33:III.2115 does not apply.	LAC 33:III.2115

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Naphfining Unit / Catalytic Reforming Unit / Aromatic Extraction Unit / Thermal Hydro Dealkylation Unit

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
1791-V-11 Raffinate Splitter Receiver Vent (Vents to low pressure flare, Source ID 308F-D-1)	Compliance Assurance Monitoring (CAM) 40 CFR Part 64	Does Not Apply	DOES NOT APPLY. This emission point is a HON-Regulated Control Device. Units subject to NESHAP standards promulgated after November 15, 1990 are exempt from CAM as specified at 40 CFR 64.2(b)(1)(i).	40 CFR Part 64
1791-V-13 Benzene - Toluene Column Receiver Vent (Vents to low pressure flare, Source ID 308F-D-1)	Waste Gas Disposal LAC 33:III.2115 - SIP APPROVED	Does Not Apply	DOES NOT APPLY. This source is subject to LAC 33:III.2147, NSPS Subpart NNN, NSPS Subpart RRR or HON Subpart G and therefore, due to the overlap, LAC 33:III.2115 does not apply.	LAC 33:III.2115
	Compliance Assurance Monitoring (CAM) 40 CFR Part 64	Does Not Apply	DOES NOT APPLY. This emission point is a HON-Regulated Control Device. Units subject to NESHAP standards promulgated after November 15, 1990 are exempt from CAM as specified at 40 CFR 64.2(b)(1)(i).	40 CFR Part 64
1791-V-5 Stripper Receiver Vent (Vents to low pressure flare, Source ID 308F-D-1)	Waste Gas Disposal LAC 33:III.2115 - SIP APPROVED	Does Not Apply	DOES NOT APPLY. This source is subject to LAC 33:III.2147, NSPS Subpart NNN, NSPS Subpart RRR or HON Subpart G and therefore, due to the overlap, LAC 33:III.2115 does not apply.	LAC 33:III.2115
	Compliance Assurance Monitoring (CAM) 40 CFR Part 64	Does Not Apply	DOES NOT APPLY. This emission point is a HON-Regulated Control Device. Units subject to NESHAP standards promulgated after November 15, 1990 are exempt from CAM as specified at 40 CFR 64.2(b)(1)(i).	40 CFR Part 64
1792-FF Unit Fugitives	Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry - Subpart VV- (40 CFR 60.480)	Does Not Apply	DOES NOT APPLY. Source subject to SOCMI Part H and therefore exempt from NSPS.	40 CFR 60.480

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Naphfining Unit / Catalytic Reforming Unit / Aromatic Extraction Unit / Thermal Hydro Dealkylation Unit

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
1792-FF Unit Fugitives	Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries - Subpart GGG (40 CFR 60.590(b))	Does Not Apply	DOES NOT APPLY. Unit not constructed or modified after January 4, 1983. Proposed project does not meet definition of modification in regard to capital expenditure provision.	40 CFR 60.590(b)
	National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene - Subpart J (40 CFR 61.110)	Does Not Apply	DOES NOT APPLY. Equipment subject to HON Subpart H.	40 CFR 61.110
	National Emission Standards for Equipment Leaks -Subpart V (40 CFR 61.240)	Does Not Apply	DOES NOT APPLY Equipment subject to HON Subpart H.	40 CFR 61.240
1792-H-1 Hydrodealkylation Charge Heater	Emission Standard for Sulfur Dioxide (LAC 33:III.1503.C)	Does Not Apply	Discharge gases shall not exceed 2,000 ppmv for 3-hr average. Units emitting <250 tpy SO2 may be exempted by DEQ.	LAC 33:III.1503.C
1792-V-11 Aromatic Drum Vent (Vents to low pressure flare, Source ID 308F-D-1)	Waste Gas Disposal LAC 33:III.2115 - SIP APPROVED	Does Not Apply	DOES NOT APPLY. This source is subject to LAC 33:III.2147, NSPS Subpart NNN, NSPS Subpart RRR or HON Subpart G and therefore, due to the overlap, LAC 33:III.2115 does not apply.	LAC 33:III.2115
	Compliance Assurance Monitoring (CAM) 40 CFR Part 64	Does Not Apply	DOES NOT APPLY. This emission point is a HON-Regulated Control Device. Units subject to NESHAP standards promulgated after November 15, 1990 are exempt from CAM as specified at 40 CFR 64.2(b)(1)(i).	40 CFR Part 64
1792-V-12 Benzene Tower Vent After Condenser (Vents to low pressure flare, Source ID 308F-D-1)	Waste Gas Disposal LAC 33:III.2115 - SIP APPROVED	Does Not Apply	DOES NOT APPLY. This source is subject to LAC 33:III.2147, NSPS Subpart NNN, NSPS Subpart RRR or HON Subpart G and therefore, due to the overlap, LAC 33:III.2115 does not apply.	LAC 33:III.2115

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TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Naphfining Unit / Catalytic Reforming Unit / Aromatic Extraction Unit / Thermal Hydro Dealkylation Unit

Emission Point ID No.:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability
1792-V-12 Benzene Tower Vent After Condenser (Vents to low pressure flare, Source ID 308F-D-1)	Compliance Assurance Monitoring (CAM) 40 CFR Part 64	Does Not Apply	DOES NOT APPLY. This emission point is a HON-Regulated Control Device. Units subject to NESHAP standards promulgated after November 15, 1990 are exempt from CAM as specified at 40 CFR 64.2(b)(1)(i).	40 CFR Part 64
291-FF Unit Fugitives	Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry - Subpart VV- (40 CFR 60.480(a)(1))	Does Not Apply	DOES NOT APPLY. Chemicals produced as intermediates or final products by this unit are not classified as SOCMI chemicals.	40 CFR 60.480(a)(1)
	Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries - Subpart GGG (40 CFR 60.590(b))	Does Not Apply	DOES NOT APPLY. Unit not constructed or modified after January 4, 1983. Proposed project does not meet definition of modification in regard to capital expenditure provision.	40 CFR 60.590(b)
	National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene - Subpart J (40 CFR 61.110(a))	Does Not Apply	DOES NOT APPLY. Equipment contains or contacts a fluid that is < 10% wt benzene.	40 CFR 61.110(a)
	National Emission Standards for Organic HAPs for Equipment Leaks- Subpart H (40 CFR 63.160)	Does Not Apply	DOES NOT APPLY. Facility is a non SOCMI facility.	40 CFR 63.160
291-H-1 Naphfiner Reactor Heater	Emission Standard for Sulfur Dioxide (LAC 33:III.1503.C)	Does Not Apply	Discharge gases shall not exceed 2,000 ppmv for 3-hr average. Units emitting <250 tpy SO2 may be exempted by DEQ.	LAC 33:III.1503.C
291-H-2 Naphfiner Deisohexanizer Reboiler	Emission Standard for Sulfur Dioxide (LAC 33:III.1503.C)	Does Not Apply	Discharge gases shall not exceed 2,000 ppmv for 3-hr average. Units emitting <250 tpy SO2 may be exempted by DEQ.	LAC 33:III.1503.C

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CONOCOPHILLIPS COMPANY - ALLIANCE REFINERY

TABLE 4: EQUIPMENT LIST

Offsites

Emission Point ID No.:	Description	Construction Date	Routes to:	Operating Rate/Volume	Applicable Requirement(s)?
N/A					

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Revised Section 6 of the Application for Approval of Emissions

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before tons/yr	Permitted Emission Rate After tons/yr
100-H-1	PARTICULATE	0.29	0.29
	TOTAL - PARTICULATE	**0.29**	**0.29**
100-H-1	SULFUR DIOXIDE	1.06	1.06
	TOTAL - SULFUR DIOXIDE	**1.06**	**1.06**
100-H-1	NITROGEN OXIDES	3.86	3.86
	TOTAL - NITROGEN OXIDES	**3.86**	**3.86**
100-H-1	CARBON MONOXIDE	3.25	3.25
	TOTAL - CARBON MONOXIDE	**3.25**	**3.25**
100-H-1	Total VOC (as speciated below)	0.21	0.21
100-T-001	Total VOC (as speciated below)	Capped	Capped
100-T-002	Total VOC (as speciated below)	Capped	Capped
100-T-003	Total VOC (as speciated below)	Capped	Capped
100-T-004	Total VOC (as speciated below)	Capped	Capped
100-T-005	Total VOC (as speciated below)	Capped	Capped
100-T-006	Total VOC (as speciated below)	Capped	Capped
100-T-007	Total VOC (as speciated below)	Capped	Capped
100-T-101	Total VOC (as speciated below)	Capped	Capped
100-T-102	Total VOC (as speciated below)	Capped	Capped
100-T-103	Total VOC (as speciated below)	Capped	Capped
100-T-104	Total VOC (as speciated below)	Capped	Capped
100-T-105	Total VOC (as speciated below)	Capped	Capped
100-T-106	Total VOC (as speciated below)	Capped	Capped
100-T-107	Total VOC (as speciated below)	Capped	Capped
100-T-108	Total VOC (as speciated below)	Capped	Capped
100-T-109	Total VOC (as speciated below)	Capped	Capped
100-T-110	Total VOC (as speciated below)	Capped	Capped
100-T-111	Total VOC (as speciated below)	Capped	Capped
100-T-112	Total VOC (as speciated below)	Capped	Capped
100-T-113	Total VOC (as speciated below)	Capped	Capped
100-T-114	Total VOC (as speciated below)	Capped	Capped
100-T-125	Total VOC (as speciated below)	Capped	Capped
100-T-126	Total VOC (as speciated below)	Capped	Capped
100-T-127	Total VOC (as speciated below)	Capped	Capped
100-T-128	Total VOC (as speciated below)	Capped	Capped
100-T-130	Total VOC (as speciated below)	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-200	Total VOC (as speciated below)	Capped	Capped
100-T-201	Total VOC (as speciated below)	Capped	Capped
100-T-202	Total VOC (as speciated below)	Capped	Capped
100-T-203	Total VOC (as speciated below)	Capped	Capped
100-T-204	Total VOC (as speciated below)	Capped	Capped
100-T-211	Total VOC (as speciated below)	Capped	Capped
100-T-212	Total VOC (as speciated below)	Capped	Capped
100-T-213	Total VOC (as speciated below)	Capped	Capped
100-T-250	Total VOC (as speciated below)	Capped	Capped
100-T-251	Total VOC (as speciated below)	Capped	Capped
100-T-300	Total VOC (as speciated below)	Capped	Capped
100-T-301	Total VOC (as speciated below)	Capped	Capped
100-T-302	Total VOC (as speciated below)	Capped	Capped
100-T-303	Total VOC (as speciated below)	Capped	Capped
100-T-310	Total VOC (as speciated below)	Capped	Capped
100-T-311	Total VOC (as speciated below)	Capped	Capped
100-T-312	Total VOC (as speciated below)	Capped	Capped
100-T-313	Total VOC (as speciated below)	Capped	Capped
100-T-325	Total VOC (as speciated below)	Capped	Capped
100-T-326	Total VOC (as speciated below)	Capped	Capped
100-T-350	Total VOC (as speciated below)	Capped	Capped
100-T-351	Total VOC (as speciated below)	Capped	Capped
100-T-400	Total VOC (as speciated below)	Capped	Capped
100-T-401	Total VOC (as speciated below)	Capped	Capped
100-T-600	Total VOC (as speciated below)	Capped	Capped
100-T-601	Total VOC (as speciated below)	Capped	Capped
100-T-625	Total VOC (as speciated below)	Capped	Capped
100-T-626	Total VOC (as speciated below)	Capped	Capped
100-T-B	Total VOC (as speciated below)	1.57	2.26
100-T-CO	Total VOC (as speciated below)	32.99	32.99
100-T-D	Total VOC (as speciated below)	27.06	27.06
100-T-G	Total VOC (as speciated below)	15.03	15.03
100-T-HBC	Total VOC (as speciated below)	10.17	10.17
100-T-HO	Total VOC (as speciated below)	0.99	0.86
100-T-LGBC	Total VOC (as speciated below)	53.64	53.64
100-T-N	Total VOC (as speciated below)	10.64	10.64
100-T-OP	Total VOC (as speciated below)	1.69	4.71
100-T-S	Total VOC (as speciated below)	29.86	41.21
100-T-SG	Total VOC (as speciated below)	15.28	15.28
100-T-SO	Total VOC (as speciated below)	8.89	8.89

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-X	Total VOC (as speciated below)	0.36	0.67
408-T-1	Total VOC (as speciated below)	0.01	0.01
408-T-2	Total VOC (as speciated below)	0.05	0.05
408-T-3	Total VOC (as speciated below)	0.03	0.03
412-A-FF	Total VOC (as speciated below)	162.97	172.06
412-S-FF	Total VOC (as speciated below)	22.53	28.57
	TOTAL - Total VOC (as speciated below)	**393.97**	**424.34**
100-H-1	SULFURIC ACID	NP	0.18
	TOTAL - SULFURIC ACID	**<0.01**	**0.18**
100-T-001	1,3 BUTADIENE	Capped	Capped
100-T-002	1,3 BUTADIENE	Capped	Capped
100-T-003	1,3 BUTADIENE	Capped	Capped
100-T-004	1,3 BUTADIENE	Capped	Capped
100-T-005	1,3 BUTADIENE	Capped	Capped
100-T-006	1,3 BUTADIENE	Capped	Capped
100-T-007	1,3 BUTADIENE	Capped	Capped
100-T-101	1,3 BUTADIENE	Capped	Capped
100-T-102	1,3 BUTADIENE	Capped	Capped
100-T-104	1,3 BUTADIENE	Capped	Capped
100-T-105	1,3 BUTADIENE	Capped	Capped
100-T-110	1,3 BUTADIENE	Capped	Capped
100-T-111	1,3 BUTADIENE	Capped	Capped
100-T-112	1,3 BUTADIENE	Capped	Capped
100-T-113	1,3 BUTADIENE	Capped	Capped
100-T-114	1,3 BUTADIENE	Capped	Capped
100-T-127	1,3 BUTADIENE	Capped	Capped
100-T-128	1,3 BUTADIENE	Capped	Capped
100-T-130	1,3 BUTADIENE	Capped	Capped
100-T-200	1,3 BUTADIENE	Capped	Capped
100-T-202	1,3 BUTADIENE	Capped	Capped
100-T-204	1,3 BUTADIENE	Capped	Capped
100-T-211	1,3 BUTADIENE	Capped	Capped
100-T-212	1,3 BUTADIENE	Capped	Capped
100-T-213	1,3 BUTADIENE	Capped	Capped
100-T-250	1,3 BUTADIENE	Capped	Capped
100-T-251	1,3 BUTADIENE	Capped	Capped
100-T-302	1,3 BUTADIENE	Capped	Capped
100-T-303	1,3 BUTADIENE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-325	1,3 BUTADIENE	Capped	Capped
100-T-326	1,3 BUTADIENE	Capped	Capped
100-T-351	1,3 BUTADIENE	Capped	Capped
100-T-401	1,3 BUTADIENE	Capped	Capped
100-T-CO	1,3 BUTADIENE	<0.01	< 0.01
100-T-G	1,3 BUTADIENE	<0.01	< 0.01
100-T-HBC	1,3 BUTADIENE	0.03	0.03
100-T-HO	1,3 BUTADIENE	<0.01	< 0.01
100-T-LGBC	1,3 BUTADIENE	0.06	0.06
100-T-N	1,3 BUTADIENE	<0.01	< 0.01
100-T-S	1,3 BUTADIENE	0.05	0.10
100-T-SG	1,3 BUTADIENE	0.01	0.01
408-T-2	1,3 BUTADIENE	<0.01	< 0.01
408-T-3	1,3 BUTADIENE	<0.01	< 0.01
	TOTAL - 1,3 BUTADIENE	**0.15**	**0.20**
100-T-001	2,2,4 TMP	Capped	Capped
100-T-002	2,2,4 TMP	Capped	Capped
100-T-003	2,2,4 TMP	Capped	Capped
100-T-004	2,2,4 TMP	Capped	Capped
100-T-005	2,2,4 TMP	Capped	Capped
100-T-006	2,2,4 TMP	Capped	Capped
100-T-007	2,2,4 TMP	Capped	Capped
100-T-101	2,2,4 TMP	Capped	Capped
100-T-102	2,2,4 TMP	Capped	Capped
100-T-104	2,2,4 TMP	Capped	Capped
100-T-105	2,2,4 TMP	Capped	Capped
100-T-109	2,2,4 TMP	Capped	Capped
100-T-110	2,2,4 TMP	Capped	Capped
100-T-111	2,2,4 TMP	Capped	Capped
100-T-112	2,2,4 TMP	Capped	Capped
100-T-113	2,2,4 TMP	Capped	Capped
100-T-114	2,2,4 TMP	Capped	Capped
100-T-125	2,2,4 TMP	Capped	Capped
100-T-126	2,2,4 TMP	Capped	Capped
100-T-127	2,2,4 TMP	Capped	Capped
100-T-128	2,2,4 TMP	Capped	Capped
100-T-130	2,2,4 TMP	Capped	Capped
100-T-200	2,2,4 TMP	Capped	Capped
100-T-202	2,2,4 TMP	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-204	2,2,4 TMP	Capped	Capped
100-T-211	2,2,4 TMP	Capped	Capped
100-T-212	2,2,4 TMP	Capped	Capped
100-T-213	2,2,4 TMP	Capped	Capped
100-T-250	2,2,4 TMP	Capped	Capped
100-T-251	2,2,4 TMP	Capped	Capped
100-T-300	2,2,4 TMP	Capped	Capped
100-T-301	2,2,4 TMP	Capped	Capped
100-T-302	2,2,4 TMP	Capped	Capped
100-T-303	2,2,4 TMP	Capped	Capped
100-T-310	2,2,4 TMP	Capped	Capped
100-T-311	2,2,4 TMP	Capped	Capped
100-T-312	2,2,4 TMP	Capped	Capped
100-T-313	2,2,4 TMP	Capped	Capped
100-T-325	2,2,4 TMP	Capped	Capped
100-T-326	2,2,4 TMP	Capped	Capped
100-T-350	2,2,4 TMP	Capped	Capped
100-T-351	2,2,4 TMP	Capped	Capped
100-T-401	2,2,4 TMP	Capped	Capped
100-T-600	2,2,4 TMP	Capped	Capped
100-T-601	2,2,4 TMP	Capped	Capped
100-T-625	2,2,4 TMP	Capped	Capped
100-T-626	2,2,4 TMP	Capped	Capped
100-T-CO	2,2,4 TMP	0.01	0.01
100-T-D	2,2,4 TMP	0.07	0.07
100-T-G	2,2,4 TMP	0.04	0.04
100-T-HBC	2,2,4 TMP	0.05	0.05
100-T-HO	2,2,4 TMP	<0.01	< 0.01
100-T-LGBC	2,2,4 TMP	0.50	0.50
100-T-N	2,2,4 TMP	<0.01	< 0.01
100-T-S	2,2,4 TMP	0.28	0.02
100-T-SG	2,2,4 TMP	0.01	0.01
100-T-SO	2,2,4 TMP	0.01	0.01
408-T-1	2,2,4 TMP	<0.01	< 0.01
408-T-2	2,2,4 TMP	<0.01	< 0.01
408-T-3	2,2,4 TMP	<0.01	< 0.01
412-A-FF	2,2,4 TMP	0.46	0.49
	TOTAL - 2,2,4 TMP	**1.43**	**1.20**
100-H-1	ACETALDEHYDE	NP	< 0.01

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before tons/yr	Permitted Emission Rate After tons/yr
	TOTAL - ACETALDEHYDE	**<0.01**	**<0.01**
100-H-1	ACROLEIN	NP	< 0.01
	TOTAL - ACROLEIN	**<0.01**	**<0.01**
100-H-1	ANTHRACENE	NP	< 0.01
	TOTAL - ANTHRACENE	**<0.01**	**<0.01**
100-H-1	ANTIMONY	NP	< 0.01
	TOTAL - ANTIMONY	**<0.01**	**<0.01**
100-H-1	ARSENIC	NP	< 0.01
	TOTAL - ARSENIC	**<0.01**	**<0.01**
100-H-1	BARIUM	NP	< 0.01
	TOTAL - BARIUM	**<0.01**	**<0.01**
100-H-1	BENZENE	NP	< 0.01
100-T-001	BENZENE	Capped	Capped
100-T-002	BENZENE	Capped	Capped
100-T-003	BENZENE	Capped	Capped
100-T-004	BENZENE	Capped	Capped
100-T-005	BENZENE	Capped	Capped
100-T-006	BENZENE	Capped	Capped
100-T-007	BENZENE	Capped	Capped
100-T-101	BENZENE	Capped	Capped
100-T-102	BENZENE	Capped	Capped
100-T-103	BENZENE	Capped	Capped
100-T-104	BENZENE	Capped	Capped
100-T-105	BENZENE	Capped	Capped
100-T-106	BENZENE	Capped	Capped
100-T-107	BENZENE	Capped	Capped
100-T-108	BENZENE	Capped	Capped
100-T-109	BENZENE	Capped	Capped
100-T-110	BENZENE	Capped	Capped
100-T-111	BENZENE	Capped	Capped
100-T-112	BENZENE	Capped	Capped
100-T-113	BENZENE	Capped	Capped
100-T-114	BENZENE	Capped	Capped
100-T-125	BENZENE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-126	BENZENE	Capped	Capped
100-T-127	BENZENE	Capped	Capped
100-T-128	BENZENE	Capped	Capped
100-T-130	BENZENE	Capped	Capped
100-T-200	BENZENE	Capped	Capped
100-T-202	BENZENE	Capped	Capped
100-T-204	BENZENE	Capped	Capped
100-T-211	BENZENE	Capped	Capped
100-T-212	BENZENE	Capped	Capped
100-T-213	BENZENE	Capped	Capped
100-T-250	BENZENE	Capped	Capped
100-T-251	BENZENE	Capped	Capped
100-T-300	BENZENE	Capped	Capped
100-T-301	BENZENE	Capped	Capped
100-T-302	BENZENE	Capped	Capped
100-T-303	BENZENE	Capped	Capped
100-T-310	BENZENE	Capped	Capped
100-T-311	BENZENE	Capped	Capped
100-T-312	BENZENE	Capped	Capped
100-T-313	BENZENE	Capped	Capped
100-T-325	BENZENE	Capped	Capped
100-T-326	BENZENE	Capped	Capped
100-T-350	BENZENE	Capped	Capped
100-T-351	BENZENE	Capped	Capped
100-T-400	BENZENE	Capped	Capped
100-T-401	BENZENE	Capped	Capped
100-T-600	BENZENE	Capped	Capped
100-T-601	BENZENE	Capped	Capped
100-T-625	BENZENE	Capped	Capped
100-T-626	BENZENE	Capped	Capped
100-T-B	BENZENE	1.57	2.26
100-T-CO	BENZENE	0.06	0.06
100-T-D	BENZENE	0.91	0.91
100-T-G	BENZENE	0.09	0.09
100-T-HBC	BENZENE	0.98	0.98
100-T-HO	BENZENE	<0.01	< 0.01
100-T-LGBC	BENZENE	0.81	0.81
100-T-N	BENZENE	0.05	0.05
100-T-OP	BENZENE	1.35	3.77
100-T-S	BENZENE	5.31	6.57

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-SG	BENZENE	0.02	0.02
100-T-SO	BENZENE	0.05	0.05
408-T-1	BENZENE	<0.01	< 0.01
408-T-2	BENZENE	<0.01	< 0.01
408-T-3	BENZENE	<0.01	< 0.01
412-A-FF	BENZENE	0.31	0.33
412-S-FF	BENZENE	1.56	1.97
	TOTAL - BENZENE	**13.07**	**17.87**
100-H-1	BENZO(G,H,I)PERYLENE	NP	< 0.01
	TOTAL - BENZO(G,H,I)PERYLENE	**<0.01**	**<0.01**
100-H-1	BERYLLIUM	NP	< 0.01
	TOTAL - BERYLLIUM	**<0.01**	**<0.01**
100-T-001	BIPHENYL	Capped	Capped
100-T-002	BIPHENYL	Capped	Capped
100-T-003	BIPHENYL	Capped	Capped
100-T-004	BIPHENYL	Capped	Capped
100-T-005	BIPHENYL	Capped	Capped
100-T-006	BIPHENYL	Capped	Capped
100-T-007	BIPHENYL	Capped	Capped
100-T-104	BIPHENYL	Capped	Capped
100-T-105	BIPHENYL	Capped	Capped
100-T-109	BIPHENYL	Capped	Capped
100-T-110	BIPHENYL	Capped	Capped
100-T-111	BIPHENYL	Capped	Capped
100-T-112	BIPHENYL	Capped	Capped
100-T-113	BIPHENYL	Capped	Capped
100-T-125	BIPHENYL	Capped	Capped
100-T-126	BIPHENYL	Capped	Capped
100-T-127	BIPHENYL	Capped	Capped
100-T-128	BIPHENYL	Capped	Capped
100-T-130	BIPHENYL	Capped	Capped
100-T-200	BIPHENYL	Capped	Capped
100-T-202	BIPHENYL	Capped	Capped
100-T-204	BIPHENYL	Capped	Capped
100-T-211	BIPHENYL	Capped	Capped
100-T-212	BIPHENYL	Capped	Capped
100-T-213	BIPHENYL	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-250	BIPHENYL	Capped	Capped
100-T-300	BIPHENYL	Capped	Capped
100-T-301	BIPHENYL	Capped	Capped
100-T-310	BIPHENYL	Capped	Capped
100-T-311	BIPHENYL	Capped	Capped
100-T-312	BIPHENYL	Capped	Capped
100-T-313	BIPHENYL	Capped	Capped
100-T-325	BIPHENYL	Capped	Capped
100-T-326	BIPHENYL	Capped	Capped
100-T-350	BIPHENYL	Capped	Capped
100-T-401	BIPHENYL	Capped	Capped
100-T-600	BIPHENYL	Capped	Capped
100-T-601	BIPHENYL	Capped	Capped
100-T-625	BIPHENYL	Capped	Capped
100-T-626	BIPHENYL	Capped	Capped
100-T-CO	BIPHENYL	<0.01	< 0.01
100-T-D	BIPHENYL	0.01	0.01
100-T-HBC	BIPHENYL	<0.01	< 0.01
100-T-HO	BIPHENYL	<0.01	< 0.01
100-T-LGBC	BIPHENYL	<0.01	< 0.01
100-T-N	BIPHENYL	<0.01	< 0.01
100-T-S	BIPHENYL	<0.01	0.02
100-T-SO	BIPHENYL	<0.01	< 0.01
408-T-1	BIPHENYL	<0.01	< 0.01
412-A-FF	BIPHENYL	0.01	0.01
	TOTAL - BIPHENYL	**0.02**	**0.04**
100-H-1	CADMIUM	NP	< 0.01
	TOTAL - CADMIUM	**<0.01**	**<0.01**
100-H-1	CHROMIUM	NP	< 0.01
	TOTAL - CHROMIUM	**<0.01**	**<0.01**
100-H-1	COPPER	NP	< 0.01
	TOTAL - COPPER	**<0.01**	**<0.01**
100-T-001	CRESOLS	Capped	Capped
100-T-002	CRESOLS	Capped	Capped
100-T-003	CRESOLS	Capped	Capped
100-T-004	CRESOLS	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-005	CRESOLS	Capped	Capped
100-T-006	CRESOLS	Capped	Capped
100-T-007	CRESOLS	Capped	Capped
100-T-104	CRESOLS	Capped	Capped
100-T-105	CRESOLS	Capped	Capped
100-T-109	CRESOLS	Capped	Capped
100-T-110	CRESOLS	Capped	Capped
100-T-111	CRESOLS	Capped	Capped
100-T-112	CRESOLS	Capped	Capped
100-T-113	CRESOLS	Capped	Capped
100-T-125	CRESOLS	Capped	Capped
100-T-126	CRESOLS	Capped	Capped
100-T-127	CRESOLS	Capped	Capped
100-T-128	CRESOLS	Capped	Capped
100-T-130	CRESOLS	Capped	Capped
100-T-250	CRESOLS	Capped	Capped
100-T-300	CRESOLS	Capped	Capped
100-T-301	CRESOLS	Capped	Capped
100-T-310	CRESOLS	Capped	Capped
100-T-311	CRESOLS	Capped	Capped
100-T-312	CRESOLS	Capped	Capped
100-T-313	CRESOLS	Capped	Capped
100-T-326	CRESOLS	Capped	Capped
100-T-350	CRESOLS	Capped	Capped
100-T-401	CRESOLS	Capped	Capped
100-T-600	CRESOLS	Capped	Capped
100-T-601	CRESOLS	Capped	Capped
100-T-625	CRESOLS	Capped	Capped
100-T-626	CRESOLS	Capped	Capped
100-T-CO	CRESOLS	<0.01	< 0.01
100-T-D	CRESOLS	0.00	< 0.01
100-T-HO	CRESOLS	<0.01	< 0.01
100-T-N	CRESOLS	<0.01	< 0.01
100-T-S	CRESOLS	<0.01	0.01
100-T-SO	CRESOLS	<0.01	< 0.01
408-T-1	CRESOLS	<0.01	< 0.01
412-A-FF	CRESOLS	0.03	0.03
	TOTAL - CRESOLS	**0.03**	**0.04**
100-T-001	CUMENE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-002	CUMENE	Capped	Capped
100-T-003	CUMENE	Capped	Capped
100-T-004	CUMENE	Capped	Capped
100-T-005	CUMENE	Capped	Capped
100-T-006	CUMENE	Capped	Capped
100-T-007	CUMENE	Capped	Capped
100-T-101	CUMENE	Capped	Capped
100-T-102	CUMENE	Capped	Capped
100-T-103	CUMENE	Capped	Capped
100-T-104	CUMENE	Capped	Capped
100-T-105	CUMENE	Capped	Capped
100-T-106	CUMENE	Capped	Capped
100-T-109	CUMENE	Capped	Capped
100-T-110	CUMENE	Capped	Capped
100-T-111	CUMENE	Capped	Capped
100-T-112	CUMENE	Capped	Capped
100-T-113	CUMENE	Capped	Capped
100-T-114	CUMENE	Capped	Capped
100-T-125	CUMENE	Capped	Capped
100-T-126	CUMENE	Capped	Capped
100-T-127	CUMENE	Capped	Capped
100-T-128	CUMENE	Capped	Capped
100-T-130	CUMENE	Capped	Capped
100-T-200	CUMENE	Capped	Capped
100-T-202	CUMENE	Capped	Capped
100-T-204	CUMENE	Capped	Capped
100-T-211	CUMENE	Capped	Capped
100-T-212	CUMENE	Capped	Capped
100-T-213	CUMENE	Capped	Capped
100-T-250	CUMENE	Capped	Capped
100-T-251	CUMENE	Capped	Capped
100-T-300	CUMENE	Capped	Capped
100-T-301	CUMENE	Capped	Capped
100-T-302	CUMENE	Capped	Capped
100-T-303	CUMENE	Capped	Capped
100-T-310	CUMENE	Capped	Capped
100-T-311	CUMENE	Capped	Capped
100-T-312	CUMENE	Capped	Capped
100-T-313	CUMENE	Capped	Capped
100-T-325	CUMENE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-326	CUMENE	Capped	Capped
100-T-350	CUMENE	Capped	Capped
100-T-351	CUMENE	Capped	Capped
100-T-401	CUMENE	Capped	Capped
100-T-600	CUMENE	Capped	Capped
100-T-601	CUMENE	Capped	Capped
100-T-625	CUMENE	Capped	Capped
100-T-626	CUMENE	Capped	Capped
100-T-CO	CUMENE	<0.01	< 0.01
100-T-D	CUMENE	0.11	0.11
100-T-G	CUMENE	<0.01	< 0.01
100-T-HBC	CUMENE	0.16	0.16
100-T-HO	CUMENE	<0.01	< 0.01
100-T-LGBC	CUMENE	0.21	0.21
100-T-N	CUMENE	<0.01	< 0.01
100-T-OP	CUMENE	0.01	0.02
100-T-S	CUMENE	0.13	0.65
100-T-SG	CUMENE	<0.01	< 0.01
100-T-SO	CUMENE	<0.01	< 0.01
408-T-1	CUMENE	<0.01	< 0.01
408-T-2	CUMENE	<0.01	< 0.01
408-T-3	CUMENE	<0.01	< 0.01
412-A-FF	CUMENE	0.04	0.04
412-S-FF	CUMENE	0.36	0.46
	TOTAL - CUMENE	**1.02**	**1.65**
100-H-1	ETHYL BENZENE	NP	< 0.01
100-T-001	ETHYL BENZENE	Capped	Capped
100-T-002	ETHYL BENZENE	Capped	Capped
100-T-003	ETHYL BENZENE	Capped	Capped
100-T-004	ETHYL BENZENE	Capped	Capped
100-T-005	ETHYL BENZENE	Capped	Capped
100-T-006	ETHYL BENZENE	Capped	Capped
100-T-007	ETHYL BENZENE	Capped	Capped
100-T-101	ETHYL BENZENE	Capped	Capped
100-T-102	ETHYL BENZENE	Capped	Capped
100-T-103	ETHYL BENZENE	Capped	Capped
100-T-104	ETHYL BENZENE	Capped	Capped
100-T-105	ETHYL BENZENE	Capped	Capped
100-T-106	ETHYL BENZENE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-109	ETHYL BENZENE	Capped	Capped
100-T-110	ETHYL BENZENE	Capped	Capped
100-T-111	ETHYL BENZENE	Capped	Capped
100-T-112	ETHYL BENZENE	Capped	Capped
100-T-113	ETHYL BENZENE	Capped	Capped
100-T-114	ETHYL BENZENE	Capped	Capped
100-T-125	ETHYL BENZENE	Capped	Capped
100-T-126	ETHYL BENZENE	Capped	Capped
100-T-127	ETHYL BENZENE	Capped	Capped
100-T-128	ETHYL BENZENE	Capped	Capped
100-T-130	ETHYL BENZENE	Capped	Capped
100-T-200	ETHYL BENZENE	Capped	Capped
100-T-202	ETHYL BENZENE	Capped	Capped
100-T-204	ETHYL BENZENE	Capped	Capped
100-T-211	ETHYL BENZENE	Capped	Capped
100-T-212	ETHYL BENZENE	Capped	Capped
100-T-213	ETHYL BENZENE	Capped	Capped
100-T-250	ETHYL BENZENE	Capped	Capped
100-T-251	ETHYL BENZENE	Capped	Capped
100-T-300	ETHYL BENZENE	Capped	Capped
100-T-301	ETHYL BENZENE	Capped	Capped
100-T-302	ETHYL BENZENE	Capped	Capped
100-T-303	ETHYL BENZENE	Capped	Capped
100-T-310	ETHYL BENZENE	Capped	Capped
100-T-311	ETHYL BENZENE	Capped	Capped
100-T-312	ETHYL BENZENE	Capped	Capped
100-T-313	ETHYL BENZENE	Capped	Capped
100-T-325	ETHYL BENZENE	Capped	Capped
100-T-326	ETHYL BENZENE	Capped	Capped
100-T-350	ETHYL BENZENE	Capped	Capped
100-T-351	ETHYL BENZENE	Capped	Capped
100-T-401	ETHYL BENZENE	Capped	Capped
100-T-600	ETHYL BENZENE	Capped	Capped
100-T-601	ETHYL BENZENE	Capped	Capped
100-T-625	ETHYL BENZENE	Capped	Capped
100-T-626	ETHYL BENZENE	Capped	Capped
100-T-CO	ETHYL BENZENE	0.01	< 0.01
100-T-D	ETHYL BENZENE	0.21	0.21
100-T-G	ETHYL BENZENE	0.01	0.01
100-T-HBC	ETHYL BENZENE	0.06	0.06

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-HO	ETHYL BENZENE	<0.01	< 0.01
100-T-LGBC	ETHYL BENZENE	0.07	0.07
100-T-N	ETHYL BENZENE	<0.01	< 0.01
100-T-OP	ETHYL BENZENE	0.04	0.11
100-T-S	ETHYL BENZENE	0.04	0.31
100-T-SG	ETHYL BENZENE	<0.01	< 0.01
100-T-SO	ETHYL BENZENE	0.01	0.01
408-T-1	ETHYL BENZENE	<0.01	< 0.01
408-T-2	ETHYL BENZENE	<0.01	< 0.01
408-T-3	ETHYL BENZENE	<0.01	< 0.01
412-A-FF	ETHYL BENZENE	0.31	0.32
412-S-FF	ETHYL BENZENE	0.50	0.64
	TOTAL - ETHYL BENZENE	**1.25**	**1.74**
100-H-1	FORMALDEHYDE	NP	< 0.01
	TOTAL - FORMALDEHYDE	**<0.01**	**<0.01**
100-T-001	HEXANE	Capped	Capped
100-T-002	HEXANE	Capped	Capped
100-T-003	HEXANE	Capped	Capped
100-T-004	HEXANE	Capped	Capped
100-T-005	HEXANE	Capped	Capped
100-T-006	HEXANE	Capped	Capped
100-T-007	HEXANE	Capped	Capped
100-T-101	HEXANE	Capped	Capped
100-T-102	HEXANE	Capped	Capped
100-T-103	HEXANE	Capped	Capped
100-T-104	HEXANE	Capped	Capped
100-T-105	HEXANE	Capped	Capped
100-T-106	HEXANE	Capped	Capped
100-T-109	HEXANE	Capped	Capped
100-T-110	HEXANE	Capped	Capped
100-T-111	HEXANE	Capped	Capped
100-T-112	HEXANE	Capped	Capped
100-T-113	HEXANE	Capped	Capped
100-T-114	HEXANE	Capped	Capped
100-T-125	HEXANE	Capped	Capped
100-T-126	HEXANE	Capped	Capped
100-T-127	HEXANE	Capped	Capped
100-T-128	HEXANE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-130	HEXANE	Capped	Capped
100-T-200	HEXANE	Capped	Capped
100-T-202	HEXANE	Capped	Capped
100-T-204	HEXANE	Capped	Capped
100-T-211	HEXANE	Capped	Capped
100-T-212	HEXANE	Capped	Capped
100-T-213	HEXANE	Capped	Capped
100-T-250	HEXANE	Capped	Capped
100-T-251	HEXANE	Capped	Capped
100-T-300	HEXANE	Capped	Capped
100-T-301	HEXANE	Capped	Capped
100-T-302	HEXANE	Capped	Capped
100-T-303	HEXANE	Capped	Capped
100-T-310	HEXANE	Capped	Capped
100-T-311	HEXANE	Capped	Capped
100-T-312	HEXANE	Capped	Capped
100-T-313	HEXANE	Capped	Capped
100-T-325	HEXANE	Capped	Capped
100-T-326	HEXANE	Capped	Capped
100-T-350	HEXANE	Capped	Capped
100-T-351	HEXANE	Capped	Capped
100-T-401	HEXANE	Capped	Capped
100-T-600	HEXANE	Capped	Capped
100-T-601	HEXANE	Capped	Capped
100-T-625	HEXANE	Capped	Capped
100-T-626	HEXANE	Capped	Capped
100-T-CO	HEXANE	0.04	0.04
100-T-D	HEXANE	0.36	0.36
100-T-G	HEXANE	0.02	0.02
100-T-HBC	HEXANE	0.15	0.15
100-T-HO	HEXANE	NP	< 0.01
100-T-LGBC	HEXANE	0.19	0.19
100-T-N	HEXANE	0.03	0.03
100-T-OP	HEXANE	0.01	0.02
100-T-S	HEXANE	0.11	0.59
100-T-SG	HEXANE	0.02	0.02
100-T-SO	HEXANE	0.02	0.02
408-T-1	HEXANE	<0.01	< 0.01
408-T-2	HEXANE	<0.01	< 0.01
408-T-3	HEXANE	<0.01	< 0.01

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
412-A-FF	HEXANE	0.48	0.50
412-S-FF	HEXANE	0.24	0.30
	TOTAL - HEXANE	**1.66**	**2.24**
100-H-1	MANGANESE	NP	< 0.01
	TOTAL - MANGANESE	**<0.01**	**<0.01**
100-H-1	MERCURY	NP	< 0.01
	TOTAL - MERCURY	**<0.01**	**<0.01**
100-H-1	NAPHTHALENE	NP	< 0.01
100-T-001	NAPHTHALENE	Capped	Capped
100-T-002	NAPHTHALENE	Capped	Capped
100-T-003	NAPHTHALENE	Capped	Capped
100-T-004	NAPHTHALENE	Capped	Capped
100-T-005	NAPHTHALENE	Capped	Capped
100-T-006	NAPHTHALENE	Capped	Capped
100-T-007	NAPHTHALENE	Capped	Capped
100-T-101	NAPHTHALENE	Capped	Capped
100-T-102	NAPHTHALENE	Capped	Capped
100-T-103	NAPHTHALENE	Capped	Capped
100-T-104	NAPHTHALENE	Capped	Capped
100-T-105	NAPHTHALENE	Capped	Capped
100-T-106	NAPHTHALENE	Capped	Capped
100-T-109	NAPHTHALENE	Capped	Capped
100-T-110	NAPHTHALENE	Capped	Capped
100-T-111	NAPHTHALENE	Capped	Capped
100-T-112	NAPHTHALENE	Capped	Capped
100-T-113	NAPHTHALENE	Capped	Capped
100-T-114	NAPHTHALENE	Capped	Capped
100-T-125	NAPHTHALENE	Capped	Capped
100-T-126	NAPHTHALENE	Capped	Capped
100-T-127	NAPHTHALENE	Capped	Capped
100-T-128	NAPHTHALENE	Capped	Capped
100-T-130	NAPHTHALENE	Capped	Capped
100-T-200	NAPHTHALENE	Capped	Capped
100-T-202	NAPHTHALENE	Capped	Capped
100-T-204	NAPHTHALENE	Capped	Capped
100-T-211	NAPHTHALENE	Capped	Capped
100-T-212	NAPHTHALENE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-213	NAPHTHALENE	Capped	Capped
100-T-250	NAPHTHALENE	Capped	Capped
100-T-251	NAPHTHALENE	Capped	Capped
100-T-300	NAPHTHALENE	Capped	Capped
100-T-301	NAPHTHALENE	Capped	Capped
100-T-302	NAPHTHALENE	Capped	Capped
100-T-303	NAPHTHALENE	Capped	Capped
100-T-310	NAPHTHALENE	Capped	Capped
100-T-311	NAPHTHALENE	Capped	Capped
100-T-312	NAPHTHALENE	Capped	Capped
100-T-313	NAPHTHALENE	Capped	Capped
100-T-325	NAPHTHALENE	Capped	Capped
100-T-326	NAPHTHALENE	Capped	Capped
100-T-350	NAPHTHALENE	Capped	Capped
100-T-351	NAPHTHALENE	Capped	Capped
100-T-401	NAPHTHALENE	Capped	Capped
100-T-600	NAPHTHALENE	Capped	Capped
100-T-601	NAPHTHALENE	Capped	Capped
100-T-625	NAPHTHALENE	Capped	Capped
100-T-626	NAPHTHALENE	Capped	Capped
100-T-CO	NAPHTHALENE	<0.01	< 0.01
100-T-D	NAPHTHALENE	0.03	0.03
100-T-G	NAPHTHALENE	<0.01	< 0.01
100-T-HBC	NAPHTHALENE	<0.01	< 0.01
100-T-HO	NAPHTHALENE	<0.01	< 0.01
100-T-LGBC	NAPHTHALENE	<0.01	< 0.01
100-T-N	NAPHTHALENE	<0.01	< 0.01
100-T-OP	NAPHTHALENE	<0.01	< 0.01
100-T-S	NAPHTHALENE	<0.01	0.04
100-T-SG	NAPHTHALENE	<0.01	< 0.01
100-T-SO	NAPHTHALENE	<0.01	< 0.01
408-T-1	NAPHTHALENE	<0.01	< 0.01
408-T-2	NAPHTHALENE	<0.01	< 0.01
408-T-3	NAPHTHALENE	<0.01	< 0.01
412-A-FF	NAPHTHALENE	0.12	0.12
412-S-FF	NAPHTHALENE	<0.01	< 0.01
	TOTAL - NAPHTHALENE	**0.15**	**0.19**
100-H-1	NICKEL	NP	< 0.01
	TOTAL - NICKEL	**<0.01**	**<0.01**

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before tons/yr	Permitted Emission Rate After tons/yr
100-H-1	PAH	NP	< 0.01
	TOTAL - PAH	**<0.01**	**<0.01**
100-H-1	PHENANTHRENE	NP	< 0.01
	TOTAL - PHENANTHRENE	**<0.01**	**<0.01**
100-H-1	PHENOL	NP	< 0.01
100-T-001	PHENOL	Capped	Capped
100-T-002	PHENOL	Capped	Capped
100-T-003	PHENOL	Capped	Capped
100-T-004	PHENOL	Capped	Capped
100-T-005	PHENOL	Capped	Capped
100-T-006	PHENOL	Capped	Capped
100-T-007	PHENOL	Capped	Capped
100-T-104	PHENOL	Capped	Capped
100-T-105	PHENOL	Capped	Capped
100-T-109	PHENOL	Capped	Capped
100-T-110	PHENOL	Capped	Capped
100-T-111	PHENOL	Capped	Capped
100-T-112	PHENOL	Capped	Capped
100-T-113	PHENOL	Capped	Capped
100-T-125	PHENOL	Capped	Capped
100-T-126	PHENOL	Capped	Capped
100-T-127	PHENOL	Capped	Capped
100-T-128	PHENOL	Capped	Capped
100-T-130	PHENOL	Capped	Capped
100-T-200	PHENOL	Capped	Capped
100-T-202	PHENOL	Capped	Capped
100-T-204	PHENOL	Capped	Capped
100-T-211	PHENOL	Capped	Capped
100-T-212	PHENOL	Capped	Capped
100-T-250	PHENOL	Capped	Capped
100-T-300	PHENOL	Capped	Capped
100-T-301	PHENOL	Capped	Capped
100-T-310	PHENOL	Capped	Capped
100-T-311	PHENOL	Capped	Capped
100-T-312	PHENOL	Capped	Capped
100-T-313	PHENOL	Capped	Capped
100-T-326	PHENOL	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-350	PHENOL	Capped	Capped
100-T-401	PHENOL	Capped	Capped
100-T-600	PHENOL	Capped	Capped
100-T-601	PHENOL	Capped	Capped
100-T-625	PHENOL	Capped	Capped
100-T-626	PHENOL	Capped	Capped
100-T-CO	PHENOL	<0.01	< 0.01
100-T-D	PHENOL	0.04	0.04
100-T-HO	PHENOL	<0.01	< 0.01
100-T-LGBC	PHENOL	<0.01	< 0.01
100-T-N	PHENOL	<0.01	< 0.01
100-T-S	PHENOL	<0.01	0.05
100-T-SO	PHENOL	<0.01	< 0.01
408-T-1	PHENOL	<0.01	< 0.01
	TOTAL - PHENOL	**0.04**	**0.09**
100-H-1	SELENIUM	NP	< 0.01
	TOTAL - SELENIUM	**<0.01**	**<0.01**
100-H-1	TOLUENE	NP	0.01
100-T-001	TOLUENE	Capped	Capped
100-T-002	TOLUENE	Capped	Capped
100-T-003	TOLUENE	Capped	Capped
100-T-004	TOLUENE	Capped	Capped
100-T-005	TOLUENE	Capped	Capped
100-T-006	TOLUENE	Capped	Capped
100-T-007	TOLUENE	Capped	Capped
100-T-101	TOLUENE	Capped	Capped
100-T-102	TOLUENE	Capped	Capped
100-T-103	TOLUENE	Capped	Capped
100-T-104	TOLUENE	Capped	Capped
100-T-105	TOLUENE	Capped	Capped
100-T-106	TOLUENE	Capped	Capped
100-T-109	TOLUENE	Capped	Capped
100-T-110	TOLUENE	Capped	Capped
100-T-111	TOLUENE	Capped	Capped
100-T-112	TOLUENE	Capped	Capped
100-T-113	TOLUENE	Capped	Capped
100-T-114	TOLUENE	Capped	Capped
100-T-125	TOLUENE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-126	TOLUENE	Capped	Capped
100-T-127	TOLUENE	Capped	Capped
100-T-128	TOLUENE	Capped	Capped
100-T-130	TOLUENE	Capped	Capped
100-T-200	TOLUENE	Capped	Capped
100-T-202	TOLUENE	Capped	Capped
100-T-204	TOLUENE	Capped	Capped
100-T-211	TOLUENE	Capped	Capped
100-T-212	TOLUENE	Capped	Capped
100-T-213	TOLUENE	Capped	Capped
100-T-250	TOLUENE	Capped	Capped
100-T-251	TOLUENE	Capped	Capped
100-T-300	TOLUENE	Capped	Capped
100-T-301	TOLUENE	Capped	Capped
100-T-302	TOLUENE	Capped	Capped
100-T-303	TOLUENE	Capped	Capped
100-T-310	TOLUENE	Capped	Capped
100-T-311	TOLUENE	Capped	Capped
100-T-312	TOLUENE	Capped	Capped
100-T-313	TOLUENE	Capped	Capped
100-T-325	TOLUENE	Capped	Capped
100-T-326	TOLUENE	Capped	Capped
100-T-350	TOLUENE	Capped	Capped
100-T-351	TOLUENE	Capped	Capped
100-T-401	TOLUENE	Capped	Capped
100-T-600	TOLUENE	Capped	Capped
100-T-601	TOLUENE	Capped	Capped
100-T-625	TOLUENE	Capped	Capped
100-T-626	TOLUENE	Capped	Capped
100-T-CO	TOLUENE	0.03	0.03
100-T-D	TOLUENE	0.89	0.89
100-T-G	TOLUENE	0.12	0.12
100-T-HBC	TOLUENE	0.86	0.86
100-T-HO	TOLUENE	<0.01	< 0.01
100-T-LGBC	TOLUENE	1.11	1.11
100-T-N	TOLUENE	0.02	0.02
100-T-OP	TOLUENE	0.48	1.34
100-T-S	TOLUENE	2.70	11.69
100-T-SG	TOLUENE	0.01	0.01
100-T-SO	TOLUENE	0.07	0.07

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before tons/yr	Permitted Emission Rate After tons/yr
408-T-1	TOLUENE	<0.01	< 0.01
408-T-2	TOLUENE	<0.01	< 0.01
408-T-3	TOLUENE	<0.01	< 0.01
412-A-FF	TOLUENE	1.71	1.80
412-S-FF	TOLUENE	2.16	2.74
	TOTAL - TOLUENE	**10.17**	**20.69**
100-H-1	XYLENE	NP	< 0.01
100-T-001	XYLENE	Capped	Capped
100-T-002	XYLENE	Capped	Capped
100-T-003	XYLENE	Capped	Capped
100-T-004	XYLENE	Capped	Capped
100-T-005	XYLENE	Capped	Capped
100-T-006	XYLENE	Capped	Capped
100-T-007	XYLENE	Capped	Capped
100-T-101	XYLENE	Capped	Capped
100-T-102	XYLENE	Capped	Capped
100-T-104	XYLENE	Capped	Capped
100-T-105	XYLENE	Capped	Capped
100-T-109	XYLENE	Capped	Capped
100-T-110	XYLENE	Capped	Capped
100-T-111	XYLENE	Capped	Capped
100-T-112	XYLENE	Capped	Capped
100-T-113	XYLENE	Capped	Capped
100-T-114	XYLENE	Capped	Capped
100-T-125	XYLENE	Capped	Capped
100-T-126	XYLENE	Capped	Capped
100-T-127	XYLENE	Capped	Capped
100-T-128	XYLENE	Capped	Capped
100-T-130	XYLENE	Capped	Capped
100-T-200	XYLENE	Capped	Capped
100-T-201	XYLENE	Capped	Capped
100-T-202	XYLENE	Capped	Capped
100-T-203	XYLENE	Capped	Capped
100-T-204	XYLENE	Capped	Capped
100-T-211	XYLENE	Capped	Capped
100-T-212	XYLENE	Capped	Capped
100-T-213	XYLENE	Capped	Capped
100-T-250	XYLENE	Capped	Capped
100-T-251	XYLENE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-300	XYLENE	Capped	Capped
100-T-301	XYLENE	Capped	Capped
100-T-302	XYLENE	Capped	Capped
100-T-303	XYLENE	Capped	Capped
100-T-310	XYLENE	Capped	Capped
100-T-311	XYLENE	Capped	Capped
100-T-312	XYLENE	Capped	Capped
100-T-313	XYLENE	Capped	Capped
100-T-325	XYLENE	Capped	Capped
100-T-326	XYLENE	Capped	Capped
100-T-350	XYLENE	Capped	Capped
100-T-351	XYLENE	Capped	Capped
100-T-401	XYLENE	Capped	Capped
100-T-600	XYLENE	Capped	Capped
100-T-601	XYLENE	Capped	Capped
100-T-625	XYLENE	Capped	Capped
100-T-626	XYLENE	Capped	Capped
100-T-CO	XYLENE	0.01	0.01
100-T-D	XYLENE	0.74	0.74
100-T-G	XYLENE	0.03	0.03
100-T-HBC	XYLENE	0.25	0.25
100-T-HO	XYLENE	<0.01	< 0.01
100-T-LGBC	XYLENE	0.32	0.32
100-T-N	XYLENE	0.01	0.01
100-T-S	XYLENE	2.07	1.63
100-T-SG	XYLENE	<0.01	< 0.01
100-T-SO	XYLENE	0.02	0.02
100-T-X	XYLENE	0.36	0.67
408-T-1	XYLENE	<0.01	< 0.01
408-T-2	XYLENE	<0.01	< 0.01
408-T-3	XYLENE	<0.01	< 0.01
412-A-FF	XYLENE	1.34	1.41
412-S-FF	XYLENE	1.76	2.23
	TOTAL - XYLENE	**6.91**	**7.32**
100-H-1	ZINC	NP	< 0.01
	TOTAL - ZINC	**<0.01**	**<0.01**
100-T-001	HYDROGEN SULFIDE	NP	Capped
100-T-002	HYDROGEN SULFIDE	NP	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-003	HYDROGEN SULFIDE	NP	Capped
100-T-004	HYDROGEN SULFIDE	NP	Capped
100-T-005	HYDROGEN SULFIDE	NP	Capped
100-T-006	HYDROGEN SULFIDE	NP	Capped
100-T-007	HYDROGEN SULFIDE	NP	Capped
100-T-101	HYDROGEN SULFIDE	NP	Capped
100-T-102	HYDROGEN SULFIDE	NP	Capped
100-T-104	HYDROGEN SULFIDE	NP	Capped
100-T-105	HYDROGEN SULFIDE	NP	Capped
100-T-113	HYDROGEN SULFIDE	NP	Capped
100-T-114	HYDROGEN SULFIDE	NP	Capped
100-T-250	HYDROGEN SULFIDE	NP	Capped
100-T-326	HYDROGEN SULFIDE	NP	Capped
100-T-CO	HYDROGEN SULFIDE	3.16	NP
100-T-N	HYDROGEN SULFIDE	<0.01	< 0.01
100-T-SG	HYDROGEN SULFIDE	<0.01	< 0.01
	TOTAL - HYDROGEN SULFIDE	**3.16**	**<0.01**
100-H-1	LEAD	NP	< 0.01
	TOTAL - LEAD	**<0.01**	**<0.01**
100-T-001	ETHYLENE	Capped	Capped
100-T-002	ETHYLENE	Capped	Capped
100-T-003	ETHYLENE	Capped	Capped
100-T-004	ETHYLENE	Capped	Capped
100-T-005	ETHYLENE	Capped	Capped
100-T-006	ETHYLENE	Capped	Capped
100-T-007	ETHYLENE	Capped	Capped
100-T-109	ETHYLENE	Capped	Capped
100-T-110	ETHYLENE	Capped	Capped
100-T-111	ETHYLENE	Capped	Capped
100-T-112	ETHYLENE	Capped	Capped
100-T-113	ETHYLENE	Capped	Capped
100-T-127	ETHYLENE	Capped	Capped
100-T-128	ETHYLENE	Capped	Capped
100-T-130	ETHYLENE	Capped	Capped
100-T-200	ETHYLENE	Capped	Capped
100-T-202	ETHYLENE	Capped	Capped
100-T-204	ETHYLENE	Capped	Capped
100-T-211	ETHYLENE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-212	ETHYLENE	Capped	Capped
100-T-250	ETHYLENE	Capped	Capped
100-T-300	ETHYLENE	Capped	Capped
100-T-301	ETHYLENE	Capped	Capped
100-T-310	ETHYLENE	Capped	Capped
100-T-311	ETHYLENE	Capped	Capped
100-T-312	ETHYLENE	Capped	Capped
100-T-313	ETHYLENE	Capped	Capped
100-T-326	ETHYLENE	Capped	Capped
100-T-350	ETHYLENE	Capped	Capped
100-T-401	ETHYLENE	Capped	Capped
100-T-CO	ETHYLENE	0.00	< 0.01
100-T-D	ETHYLENE	1.42	1.42
100-T-HO	ETHYLENE	0.47	0.41
100-T-LGBC	ETHYLENE	16.03	16.03
100-T-S	ETHYLENE	NP	2.16
	TOTAL - ETHYLENE	**17.92**	**20.02**
100-H-1	PROPYLENE	NP	0.01
100-T-001	PROPYLENE	Capped	Capped
100-T-002	PROPYLENE	Capped	Capped
100-T-003	PROPYLENE	Capped	Capped
100-T-004	PROPYLENE	Capped	Capped
100-T-005	PROPYLENE	Capped	Capped
100-T-006	PROPYLENE	Capped	Capped
100-T-007	PROPYLENE	Capped	Capped
100-T-104	PROPYLENE	Capped	Capped
100-T-105	PROPYLENE	Capped	Capped
100-T-109	PROPYLENE	Capped	Capped
100-T-110	PROPYLENE	Capped	Capped
100-T-111	PROPYLENE	Capped	Capped
100-T-112	PROPYLENE	Capped	Capped
100-T-113	PROPYLENE	Capped	Capped
100-T-125	PROPYLENE	Capped	Capped
100-T-126	PROPYLENE	Capped	Capped
100-T-127	PROPYLENE	Capped	Capped
100-T-128	PROPYLENE	Capped	Capped
100-T-130	PROPYLENE	Capped	Capped
100-T-200	PROPYLENE	Capped	Capped
100-T-202	PROPYLENE	Capped	Capped

NP - Not Permitted

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM10, SO2, NOx, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID Number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
100-T-204	PROPYLENE	Capped	Capped
100-T-211	PROPYLENE	Capped	Capped
100-T-212	PROPYLENE	Capped	Capped
100-T-250	PROPYLENE	Capped	Capped
100-T-300	PROPYLENE	Capped	Capped
100-T-301	PROPYLENE	Capped	Capped
100-T-310	PROPYLENE	Capped	Capped
100-T-311	PROPYLENE	Capped	Capped
100-T-312	PROPYLENE	Capped	Capped
100-T-313	PROPYLENE	Capped	Capped
100-T-326	PROPYLENE	Capped	Capped
100-T-350	PROPYLENE	Capped	Capped
100-T-401	PROPYLENE	Capped	Capped
100-T-600	PROPYLENE	Capped	Capped
100-T-601	PROPYLENE	Capped	Capped
100-T-625	PROPYLENE	Capped	Capped
100-T-626	PROPYLENE	Capped	Capped
100-T-CO	PROPYLENE	<0.01	< 0.01
100-T-D	PROPYLENE	0.34	0.34
100-T-HO	PROPYLENE	0.45	0.39
100-T-LGBC	PROPYLENE	15.72	15.72
100-T-N	PROPYLENE	0.04	0.04
100-T-S	PROPYLENE	NP	0.52
100-T-SO	PROPYLENE	1.08	1.08
408-T-1	PROPYLENE	<0.01	< 0.01
	TOTAL - PROPYLENE	**17.63**	**18.10**

NP - Not Permitted

Revised Emissions Inventory Questionnaire for the Affected Sources

Department of Environmental Quality
Permits Division
P.O. Box 4313
Baton Rouge, LA 70821-4313
(225) 219-3181

LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE

Emission Inventory Questionnaire (EIQ)

for Air Pollutants

Company Name	Plant Location and name (if any)	Date of Submittal
ConocoPhillips Company	Alliance Refinery Belle Chasse , LA	November 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent
100-H-1	COKER CHARGE STORAGE HEATER	UTM Zone No 15 16 ■ Horizontal Coordinate 212470.3843 mE Vertical Coordinate 287280.5689 mN

Stack and Discharge Physical Characteristics Change [X]Yes [ ] No	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft2)	Stack gas exit temperature (Deg F)	Stack gas flow at process conditions, not at standard (ft3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating Rate (Max)
	50	2 (ft)	610	3757	19.9		10.8 MMBtu/hr

Fuel

	Type of fuel used and heat input	
	Type of fuel	Heat Input
a	RFG	9.00 MMBtu/hr

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sept-Nov	hrs/day	days/wk	wks/yr	
25	25	25	25	24	7	52	9.00 MMBTU/hr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
PARTICULATE	000	0%	0.07	0.08	0.29	3	NA	gr/std ft3
SULFUR DIOXIDE	000	0%	0.24	10.91	1.06	2/4	NA	ppm by vol
NITROGEN OXIDES	000	0%	0.88	1.06	3.86	3	NA	ppm by vol
CARBON MONOXIDE	000	0%	0.74	0.89	3.25	3	NA	ppm by vol
TOTAL VOC	000	0%	0.05	0.06	0.21	3	NA	ppm by vol
LEAD	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
SULFURIC ACID	000	0%	0.04	0.05	0.18	2/4	Change	ppm by vol
PROPYLENE	000	0%	<0.01	<0.01	0.01	NA	Add	ppm by vol
ACETALDEHYDE	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
ACROLEIN	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
ANTHRACENE	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
ANTIMONY	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
ARSENIC	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
BARIUM	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
BENZENE	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
BENZO(G,H,I)PERYLENE	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
BERYLLIUM	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol

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LOUISIANA
SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant Location and name (if any)	Date of Submittal
ConocoPhillips Company	Alliance Refinery Belle Chasse , LA	November 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent
100-H-1	COKER CHARGE STORAGE HEATER	UTM Zone No 15 16 ■ Horizontal Coordinate 212470.3843 mE Vertical Coordinate 287280.5689 mN

Stack and Discharge Physical Characteristics Change ☒ Yes ☐ No	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft2)	Stack gas exit temperature (Deg F)	Stack gas flow at process conditions, not at standard (ft3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating Rate (Max)
	50	2 (ft)	610	3757	19.9		10.8 MMBtu/hr

Fuel

	Type of fuel used and heat input	
	Type of fuel	Heat Input
a	RFG	9.00 MMBtu/hr

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sept-Nov	hrs/day	days/wk	wks/yr	
25	25	25	25	24	7	52	9.00 MMBTU/hr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
CADMIUM	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
CHROMIUM	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
COPPER	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
ETHYL BENZENE	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
FORMALDEHYDE	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
MANGANESE	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
MERCURY	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
NAPHTHALENE	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
NICKEL	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
PAH	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
PHENANTHRENE	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
PHENOL	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
SELENIUM	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
TOLUENE	000	0%	<0.01	<0.01	0.01	NA	Add	ppm by vol
XYLENE	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol
ZINC	000	0%	<0.01	<0.01	<0.01	NA	Add	ppm by vol

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE

Emission Inventory Questionnaire (EIQ)

for Air Pollutants

Company Name	Plant Location and name (if any)	Date of Submittal
ConocoPhillips Company	Alliance Refinery Belle Chasse , LA	November 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent
100-T-S (1)	SWING CAP	UTM Zone No 15 16 ■ Horizontal Coordinate N/A mE Vertical Coordinate N/A mN

Stack and Discharge Physical Characteristics Change [X] Yes [ ] No	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft2) (ft)	Stack gas exit temperature (Deg F)	Stack gas flow at process conditions, not at standard (ft3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating Rate (Max)
	N/A		N/A	N/A	N/A	N/A	965,790,000 Gal/yr

Fuel

Type of fuel used and heat input	
Type of fuel	Heat Input

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sept-Nov	hrs/day	days/wk	wks/yr	
25	25	25	25	24	7	52	965,790,000 gal/yr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
TOTAL VOC	NA	NA	9.41	–	41.21	NA	Change	ppm by vol
1,2,4 TMB	NA	NA	1.16	–	5.09	NA	Change	ppm by vol
ETHYLENE	NA	NA	0.49	–	2.16	NA	Change	ppm by vol
PROPYLENE	NA	NA	0.12	–	0.52	NA	Change	ppm by vol
1,3 BUTADIENE	NA	NA	0.02	–	0.10	NA	Change	ppm by vol
2,2,4 TMP	NA	NA	<0.01	–	0.02	NA	Change	ppm by vol
BENZENE	NA	NA	1.50	–	6.57	NA	Change	ppm by vol
BIPHENYL	NA	NA	<0.01	–	0.02	NA	Change	ppm by vol
CRESOLS	NA	NA	<0.01	–	0.01	NA	Change	ppm by vol
CUMENE	NA	NA	0.15	–	0.65	NA	Change	ppm by vol
ETHYL BENZENE	NA	NA	0.07	–	0.31	NA	Change	ppm by vol
HEXANE	NA	NA	0.13	–	0.59	NA	Change	ppm by vol
NAPHTHALENE	NA	NA	0.01	–	0.04	NA	Change	ppm by vol
PHENOL	NA	NA	0.01	–	0.05	NA	Change	ppm by vol
TOLUENE	NA	NA	2.67	–	11.69	NA	Change	ppm by vol
XYLENE	NA	NA	0.37	–	1.63	NA	Change	ppm by vol

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE

Emission Inventory Questionnaire (EIQ)

for Air Pollutants

Company Name	Plant Location and name (if any)	Date of Submittal
ConocoPhillips Company	Alliance Refinery Belle Chasse , LA	November 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent
100-T-S (1)	SWING CAP	UTM Zone No 15 16 ■ Horizontal Coordinate N/A mE Vertical Coordinate N/A mN

Stack and Discharge Physical Characteristics Change [X] Yes [ ] No	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft2) (ft)	Stack gas exit temperature (Deg F)	Stack gas flow at process conditions, not at standard (ft3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating Rate (Max)
	N/A		N/A	N/A	N/A	N/A	965,790,000 Gal/yr

Fuel

Type of fuel used and heat input	
Type of fuel	Heat Input

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sept-Nov	hrs/day	days/wk	wks/yr	
25	25	25	25	24	7	52	965,790,000 gal/yr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack

(1) Includes emissions from primary tanks 100-T-113, 100-T-250 and 100-T-326.

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Emission Inventory Questionnaire (EIQ)

for Air Pollutants

Company Name	Plant Location and name (if any)	Date of Submittal
ConocoPhillips Company	Alliance Refinery Belle Chasse , LA	November 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent
100-T-113 (1)(2)	SWING TANK	UTM Zone No 15 16 ■ Horizontal Coordinate 211637 mE Vertical Coordinate 3287249 mN

Stack and Discharge Physical Characteristics Change [x]Yes [ ]No	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft2)	Stack gas exit temperature (Deg F)	Stack gas flow at process conditions, not at standard (ft3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating Rate (Max)
	40	90 (ft)	N/A	N/A	N/A	1982	7,518,000 Gal

Fuel	Type of fuel used and heat input		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input		Dec-Feb	Mar-May	Jun-Aug	Sept-Nov	hrs/day	days/wk	wks/yr	
				25	25	25	25	24	7	52	674,364,600.00 gal/yr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
TOTAL VOC	NA	NA	(2)	9.76	(2)	3/4	NA	ppm by vol
1,2,4 TMB	NA	NA	(2)	1.21	(2)	3/4	NA	ppm by vol
ETHYLENE	NA	NA	(2)	0.53	(2)	3/4	NA	ppm by vol
PROPYLENE	NA	NA	(2)	0.12	(2)	3/4	NA	ppm by vol
1,3 BUTADIENE	NA	NA	(2)	0.02	(2)	3/4	NA	ppm by vol
2,2,4 TMP	NA	NA	(2)	0.09	(2)	3/4	NA	ppm by vol
BENZENE	NA	NA	(2)	7.84	(2)	3/4	Change	ppm by vol
BIPHENYL	NA	NA	(2)	1.86	(2)	3/4	NA	ppm by vol
CRESOLS	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
CUMENE	NA	NA	(2)	0.16	(2)	3/4	NA	ppm by vol
ETHYL BENZENE	NA	NA	(2)	0.07	(2)	3/4	NA	ppm by vol
HEXANE	NA	NA	(2)	0.14	(2)	3/4	NA	ppm by vol
NAPHTHALENE	NA	NA	(2)	0.01	(2)	3/4	NA	ppm by vol
PHENOL	NA	NA	(2)	0.01	(2)	3/4	NA	ppm by vol
TOLUENE	NA	NA	(2)	9.76	(2)	3/4	NA	ppm by vol
XYLENE	NA	NA	(2)	10.78	(2)	3/4	Change	ppm by vol
HYDROGEN SULFIDE	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE

Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant Location and name (if any)	Date of Submittal
ConocoPhillips Company	Alliance Refinery Belle Chasse , LA	November 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent
100-T-113 (1)(2)	SWING TANK	UTM Zone No 15 16 ■ Horizontal Coordinate 211637 mE Vertical Coordinate 3287249 mN

Stack and Discharge Physical Characteristics Change [X]Yes [ ]No	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft2)	Stack gas exit temperature (Deg F)	Stack gas flow at process conditions, not at standard (ft3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating Rate (Max)
	40	90 (ft)	N/A	N/A	N/A	1982	7,518,000 Gal

Fuel

Type of fuel used and heat input	
Type of fuel	Heat Input

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sept-Nov	hrs/day	days/wk	wks/yr	
25	25	25	25	24	7	52	674,364,600.00 gal/yr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack

(1) Emissions from this source are capped under source 100-T-S.

(2) Emissions from this cap will not exceed the limits defined for the respective cap.

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Company Name	Plant Location and name (if any)	Date of Submittal
ConocoPhillips Company	Alliance Refinery Belle Chasse , LA	November 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent
100-T-250 (1)(2)	SWING TANK	UTM Zone No 15 16 ■ Horizontal Coordinate 211695 mE Vertical Coordinate 3287975 mN

Stack and Discharge Physical Characteristics Change [x] Yes [ ] No	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft2)	Stack gas exit temperature (Deg F)	Stack gas flow at process conditions, not at standard (ft3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating Rate (Max)
	40	100 (ft)	N/A	N/A	N/A	1971	2,100,000 Gal

Fuel

Type of fuel used and heat input	
Type of fuel	Heat Input

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sept-Nov	hrs/day	days/wk	wks/yr	
25	25	25	25	24	7	52	183,960,000.00 gal/yr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
TOTAL VOC	NA	NA	(2)	2.11	(2)	3/4	NA	ppm by vol
1,2,4 TMB	NA	NA	(2)	0.26	(2)	3/4	NA	ppm by vol
ETHYLENE	NA	NA	(2)	0.11	(2)	3/4	NA	ppm by vol
PROPYLENE	NA	NA	(2)	0.03	(2)	3/4	NA	ppm by vol
1,3 BUTADIENE	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
2,2,4 TMP	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
BENZENE	NA	NA	(2)	1.75	(2)	3/4	Change	ppm by vol
BIPHENYL	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
CRESOLS	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
CUMENE	NA	NA	(2)	0.03	(2)	3/4	NA	ppm by vol
ETHYL BENZENE	NA	NA	(2)	0.02	(2)	3/4	NA	ppm by vol
HEXANE	NA	NA	(2)	0.03	(2)	3/4	NA	ppm by vol
NAPHTHALENE	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
PHENOL	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
TOLUENE	NA	NA	(2)	2.11	(2)	3/4	NA	ppm by vol
XYLENE	NA	NA	(2)	2.30	(2)	3/4	Change	ppm by vol
HYDROGEN SULFIDE	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE

Emission Inventory Questionnaire (EIQ)

for Air Pollutants

Company Name	Plant Location and name (if any)	Date of Submittal
ConocoPhillips Company	Alliance Refinery Belle Chasse , LA	November 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent
100-T-250 (1)(2)	SWING TANK	UTM Zone No 15 16 ■ Horizontal Coordinate 211695 mE Vertical Coordinate 3287975 mN

Stack and Discharge Physical Characteristics Change [X] Yes [ ] No	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft2)	Stack gas exit temperature (Deg F)	Stack gas flow at process conditions, not at standard (ft3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating Rate (Max)
	40	100 (ft)	N/A	N/A	N/A	1971	2,100,000 Gal

Fuel

Type of fuel used and heat input	
Type of fuel	Heat Input

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sept-Nov	hrs/day	days/wk	wks/yr	
25	25	25	25	24	7	52	183,960,000.00 gal/yr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack

(1) Emissions from this source are capped under source 100-T-S.

(2) Emissions from this cap will not exceed the limits defined for the respective cap.

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for Air Pollutants

Company Name	Plant Location and name (if any)	Date of Submittal
ConocoPhillips Company	Alliance Refinery Belle Chasse , LA	November 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent
100-T-326 (1)(2)	SWING TANK	UTM Zone No 15 16 ■ Horizontal Coordinate 211712 mE Vertical Coordinate 3287857 mN

Stack and Discharge Physical Characteristics Change [X] Yes [ ] No	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft2)	Stack gas exit temperature (Deg F)	Stack gas flow at process conditions, not at standard (ft3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating Rate (Max)
	42	85 (ft)	N/A	N/A	N/A	1971	1,554,000 Gal

Fuel

Type of fuel used and heat input	
Type of fuel	Heat Input

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sept-Nov	hrs/day	days/wk	wks/yr	
25	25	25	25	24	7	52	189,993,600.00 gal/yr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
TOTAL VOC	NA	NA	(2)	1.57	(2)	3/4	NA	ppm by vol
1,2,4 TMB	NA	NA	(2)	0.19	(2)	3/4	NA	ppm by vol
ETHYLENE	NA	NA	(2)	0.09	(2)	3/4	NA	ppm by vol
PROPYLENE	NA	NA	(2)	0.02	(2)	3/4	NA	ppm by vol
1,3 BUTADIENE	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
2,2,4 TMP	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
BENZENE	NA	NA	(2)	1.33	(2)	3/4	Change	ppm by vol
BIPHENYL	NA	NA	(2)	0.30	(2)	3/4	NA	ppm by vol
CRESOLS	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
CUMENE	NA	NA	(2)	0.02	(2)	3/4	NA	ppm by vol
ETHYL BENZENE	NA	NA	(2)	0.01	(2)	3/4	NA	ppm by vol
HEXANE	NA	NA	(2)	0.02	(2)	3/4	NA	ppm by vol
NAPHTHALENE	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
PHENOL	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol
TOLUENE	NA	NA	(2)	1.57	(2)	3/4	NA	ppm by vol
XYLENE	NA	NA	(2)	1.69	(2)	3/4	Change	ppm by vol
HYDROGEN SULFIDE	NA	NA	(2)	<0.01	(2)	3/4	NA	ppm by vol

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Company Name	Plant Location and name (if any)		Date of Submittal
ConocoPhillips Company	Alliance Refinery	Belle Chasse , LA	November 2008

Source ID Numbe	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent
100-T-326 (1)(2)	SWING TANK	UTM Zone No 15 16 ■ Horizontal Coordinate 211712 mE Vertical Coordinate 3287857 mN

Stack and Discharge Physical Characteristics Change [X] Yes [ ] No	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft2)	Stack gas exit temperature (Deg F)	Stack gas flow at process conditions, not at standard (ft3/min)	Stack gas exit velocity (ft/sec)	Date of construction/ modification	Operating Rate (Max)
	42	85 (ft)	N/A	N/A	N/A	1971	1,554,000 Gal

Fuel	Type of fuel used and heat input		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input		Dec-Feb	Mar-May	Jun-Aug	Sept-Nov	hrs/day	days/wk	wks/yr	
				25	25	25	25	24	7	52	189,993,600.00 gal/yr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack

(1) Emissions from this source are capped under source 100-T-S.

(2) Emissions from this cap will not exceed the limits defined for the respective cap.

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Heater and Boiler Calculation Worksheet - Emissions Calculations

Source ID:	100-H-1
Name:	COKER CHARGE STORAGE HEATER
Calculation Period:	Title V
Calculation Type:	Heater

PART 1 - OPERATIONAL DESCRIPTION

Description	Value	Units
Fuel:		
Type of Fuel:	FUEL GAS	
Refinery Fuel Gas Area No.	410-V-2	
Heat Input		
Proposed Average Duty:	9.00	MMBtu/hr
Proposed Maximum Duty:	10.80	MMBtu/hr
Stack Height:	50	(ft)
Stack Exit Temperature:	610	(deg F)
Stack Exit Volume:	3757	(ft3/min or acfm)
Stack Diameter:	2	(ft)
Stack Discharge Area:	N/A	(ft2)
Stack Exit Velocity:	19.9	(ft/sec)
Operating Schedule:		
Hours per Day:	24.00	(hr/d)
Days per Week:	7.00	(d/wk)
Weeks per Year:	52	(wk/yr)
Hours per Year:	8760	(hr/yr)

PART 2 - EMISSION FACTORS

Pollutant Name	Average Emission Factor	Average Emission Factor Reference	Maximum Emission Factor	Maximum Emission Factor Reference
Carbon Monoxide	8.24E-02 lb/MMBtu	AP-42, Table 1.4-1 (1998)	8.24E-02 lb/MMBtu	AP-42, Table 1.4-1 (1998)
Lead	3.80E-06 lb/MMBtu	API 348 (Table ES-1)	3.80E-06 lb/MMBtu	API 348 (Table ES-1)
Nitrogen Oxides	9.80E-02 lb/MMBtu	AP-42, Table 1.4-1 (1998)	9.80E-02 lb/MMBtu	AP-42, Table 1.4-1 (1998)
Particulate	7.50E-03 lb/MMBtu	AP-42, Table 1.4-2 (1998)	7.50E-03 lb/MMBtu	AP-42, Table 1.4-2 (1998)
Sulfur Dioxide	2.69E-02 lb/MMBtu	40 CFR 60 Subpart J	1.01E+00 lb/MMBtu	40 CFR 60 Subpart J
Sulfuric Acid	4.60E-03 lb/MMBtu	AP-42	4.60E-03 lb/MMBtu	AP-42
VOC	5.40E-03 lb/MMBtu	AP-42, Table 1.4-2 (1998)	5.40E-03 lb/MMBtu	AP-42, Table 1.4-2 (1998)

PART 3 - EMISSION CALCULATIONS

AVERAGE EMISSIONS

Pollutant	Heat Input or Fired Duty	Emission Factor	Emission Rate (lb/hr)	Conversion Factor (lb/hr to TPY)	Emission Rate (TPY)
Carbon Monoxide	9.00 MMBtu/hr	x 8.24E-02 lbCO/MMBtu	= 0.74160 lbsCO/hr	x 4.38 lb/hr / ton/yr	= 3.2482 tonsCO/yr
Lead	9.00 MMBtu/hr	x 3.80E-06 lbLead/MMBtu	= 0.00003 lbsLead/hr	x 4.38 lb/hr / ton/yr	= 0.0001 tonsLead/yr
Nitrogen Oxides	9.00 MMBtu/hr	x 9.80E-02 lbNOx/MMBtu	= 0.88200 lbsNOx/hr	x 4.38 lb/hr / ton/yr	= 3.8632 tonsNOx/yr
Particulate	9.00 MMBtu/hr	x 7.50E-03 lbPM/MMBtu	= 0.06750 lbsPM/hr	x 4.38 lb/hr / ton/yr	= 0.2957 tonsPM/yr
Sulfur Dioxide	9.00 MMBtu/hr	x 2.69E-02 lbSO2/MMBtu	= 0.24210 lbsSO2/hr	x 4.38 lb/hr / ton/yr	= 1.0604 tonsSO2/yr
Sulfuric Acid	9.00 MMBtu/hr	x 4.60E-03 lbH2SO4/MMBtu	= 0.04140 lbsH2SO4/hr	x 4.38 lb/hr / ton/yr	= 0.1813 tonsH2SO4/yr
VOC	9.00 MMBtu/hr	x 5.40E-03 lbVOC/MMBtu	= 0.04860 lbsVOC/hr	x 4.38 lb/hr / ton/yr	= 0.2129 tonsVOC/yr

Average VOC Speciation

Pollutant:	Average Firing Rate (MMBtu/hr)		Emission Factor (lb/MMBtu)		Average Speciated Emissions (lb/hr)	Annual Speciated Emissions (TPY)
Acetaldehyde	9.00	x	1.20E-05	=	1.08E-04	4.73E-04
Acrolein	9.00	x	1.70E-05	=	1.53E-04	6.70E-04
Anthracene	9.00	x	4.70E-09	=	4.23E-08	1.85E-07
Antimony	9.00	x	5.20E-07	=	4.68E-06	2.05E-05
Arsenic	9.00	x	7.20E-07	=	6.48E-06	2.84E-05
Barium	9.00	x	5.80E-06	=	5.22E-05	2.29E-04
Benzene	9.00	x	6.00E-05	=	5.40E-04	2.37E-03
Benzo(g,h,i)perylene	9.00	x	1.30E-09	=	1.17E-08	5.12E-08
Beryllium	9.00	x	1.30E-07	=	1.17E-06	5.12E-06
Cadmium	9.00	x	1.50E-06	=	1.35E-05	5.91E-05
Chromium	9.00	x	5.70E-06	=	5.13E-05	2.25E-04
Copper	9.00	x	4.70E-06	=	4.23E-05	1.85E-04
Ethylbenzene	9.00	x	1.60E-05	=	1.44E-04	6.31E-04
Formaldehyde	9.00	x	5.20E-05	=	4.68E-04	2.05E-03
Manganese	9.00	x	4.90E-06	=	4.41E-05	1.93E-04
Mercury	9.00	x	1.80E-07	=	1.62E-06	7.10E-06
Naphthalene	9.00	x	3.90E-07	=	3.51E-06	1.54E-05
Nickel	9.00	x	7.50E-06	=	6.75E-05	2.96E-04
PAH	9.00	x	2.06E-07	=	1.85E-06	8.11E-06
Phenanthrene	9.00	x	3.20E-08	=	2.88E-07	1.26E-06
Phenol	9.00	x	4.00E-06	=	3.60E-05	1.58E-04
Propylene	9.00	x	1.50E-04	=	1.35E-03	5.91E-03
Selenium	9.00	x	8.80E-07	=	7.92E-06	3.47E-05
Toluene	9.00	x	1.50E-04	=	1.35E-03	5.91E-03
Xylene	9.00	x	2.50E-05	=	2.25E-04	9.86E-04
Zinc	9.00	x	5.30E-05	=	4.77E-04	2.09E-03

MAXIMUM HOURLY EMISSION

Pollutant	Heat Input or Fired Duty		Maximum Emission Factor		Maximum Emission Rate (lb/hr)
Carbon Monoxide	10.80 MMBtu/hr	x	8.24E-02 lb CO/MMBtu	=	0.88992 lbs CO/hr
Lead	10.80 MMBtu/hr	x	3.80E-06 lb Lead/MMBtu	=	0.00004 lbs Lead/hr
Nitrogen Oxides	10.80 MMBtu/hr	x	9.80E-02 lb NOx/MMBtu	=	1.05840 lbs NOx/hr
Particulate	10.80 MMBtu/hr	x	7.50E-03 lb PM/MMBtu	=	0.08100 lbs PM/hr
Sulfur Dioxide	10.80 MMBtu/hr	x	1.01E+00 lb SO2/MMBtu	=	10.91340 lbs SO2/hr
Sulfuric Acid	10.80 MMBtu/hr	x	4.60E-03 lb H2SO4/MMBtu	=	0.04968 lbs H2SO4/hr
VOC	10.80 MMBtu/hr	x	5.40E-03 lb VOC/MMBtu	=	0.05832 lbs VOC/hr

Maximum VOC Speciation

Pollutant:	Maximum Firing Rate (MMBtu/hr)		Emission Factor (lb/MMBtu)		Maximum Speciated Emissions (lb/hr)
Acetaldehyde	10.80	x	1.20E-05	=	**1.30E-04**
Acrolein	10.80	x	1.70E-05	=	**1.84E-04**
Anthracene	10.80	x	4.70E-09	=	**5.08E-08**
Antimony	10.80	x	5.20E-07	=	**5.62E-06**
Arsenic	10.80	x	7.20E-07	=	**7.78E-06**
Barium	10.80	x	5.80E-06	=	**6.26E-05**
Benzene	10.80	x	6.00E-05	=	**6.48E-04**
Benzo(g,h,i)perylene	10.80	x	1.30E-09	=	**1.40E-08**
Beryllium	10.80	x	1.30E-07	=	**1.40E-06**
Cadmium	10.80	x	1.50E-06	=	**1.62E-05**
Chromium	10.80	x	5.70E-06	=	**6.16E-05**
Copper	10.80	x	4.70E-06	=	**5.08E-05**
Ethylbenzene	10.80	x	1.60E-05	=	**1.73E-04**
Formaldehyde	10.80	x	5.20E-05	=	**5.62E-04**
Manganese	10.80	x	4.90E-06	=	**5.29E-05**
Mercury	10.80	x	1.80E-07	=	**1.94E-06**
Naphthalene	10.80	x	3.90E-07	=	**4.21E-06**
Nickel	10.80	x	7.50E-06	=	**8.10E-05**
PAH	10.80	x	2.06E-07	=	**2.22E-06**
Phenanthrene	10.80	x	3.20E-08	=	**3.46E-07**
Phenol	10.80	x	4.00E-06	=	**4.32E-05**
Propylene	10.80	x	1.50E-04	=	**1.62E-03**
Selenium	10.80	x	8.80E-07	=	**9.50E-06**
Toluene	10.80	x	1.50E-04	=	**1.62E-03**
Xylene	10.80	x	2.50E-05	=	**2.70E-04**
Zinc	10.80	x	5.30E-05	=	**5.72E-04**

Cap Type: Swing
Cap Source ID: 100-T-S
Cap Throughput: 965,790,000 gallons

Year: TV412F

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	965,790,000	958.67	58768.54
100-T-250	965,790,000	1821.48	12404.33
100-T-326	965,790,000	2194.24	9061.09

Maximum Working Loss (lb)	Total Breathing Loss (lb)
2194.24	80233.96

Total Working Loss (lb)	Total Breathing Loss (lb)
2194.24	80233.96

Total VOC Losses for Swing Cap = 82428.2 lb/yr
41.2141 tpy

Cap Type: Swing (Benzene Scenario)
Cap Source ID: 100-T-S (Benzene Scenario)
Cap Throughput: 108,000,000 gallons

Year: TV412F

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	108,000,000	140.99	9382.25
100-T-250	108,000,000	267.89	1980.32
100-T-326	108,000,000	322.71	1446.58

Maximum Working Loss (lb)	Total Breathing Loss (lb)
322.71	12809.15

Total Working Loss (lb)	Total Breathing Loss (lb)
322.71	12809.15

Total VOC Losses for Swing Cap = 13131.86 lb/yr
6.56593 tpy

Cap Type: Swing (Xylene Scenario)
Cap Source ID: 100-T-S (Xylene Scenario)
Cap Throughput: 98,000,000 gallons

Year: TV412F

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	98,000,000	125.84	2176.68
100-T-250	98,000,000	239.09	459.43
100-T-326	98,000,000	288.02	335.6

Maximum Working Loss (lb)	Total Breathing Loss (lb)
288.02	2971.71

Total Working Loss (lb)	Total Breathing Loss (lb)
288.02	2971.71

Total VOC Losses for Swing Cap = 3259.73 lb/yr
1.629865 tpy

Cap Type: Swing

Cap ID	Total VOC Emissions (tpy)
100-T-S	41.2141
100-T-S (Benzene Scenario)	6.56593
100-T-S (Xylene Scenario)	1.629865

Speciated VOC Emissions = Total VOC Emissions x Pollutant Vapor Weight Fraction

Pollutant	Vapor Weight Fraction	Speciated Emissions (lb/yr)	Speciated Emissions (lb/hr)	Speciated Emission (tpy)	Speciated Emission (tpy)
1,2,4 TMB	0.123447	10175.51400540	1.16158836	5.08775700	5.09
1,3 BUTADIENE	0.002520	207.71906400	0.02371222	0.10385953	0.10
2,2,4 TMP	0.000378	31.15785960	0.00355683	0.01557893	0.02
BENZENE	1.000000	13131.86000000	1.49907078	6.56593000	6.57
BIPHENYL	0.000428	35.27926960	0.00402731	0.01763963	0.02
BUTANE	0.861613	71021.20868660	8.10744391	35.51060434	35.51
CRESOLS	0.000182	15.00193240	0.00171255	0.00750097	0.01
CUMENE	0.015891	1309.86652620	0.14952814	0.65493326	0.65
ETHANE	1.31E-08	0.00107981	0.00000012	0.00000054	<0.01
ETHYL BENZENE	0.007630	628.92716600	0.07179534	0.31446358	0.31
ETHYLENE	0.052446	4323.02937720	0.49349650	2.16151469	2.16
GASOLINE VAPORS	0.000107	8.80003463	0.00100457	0.00440002	<0.01
HEXANE	0.014291	1177.98140620	0.13447276	0.58899070	0.59
HYDROGEN SULFIDE	0.000003	0.24728460	0.00002823	0.00012364	<0.01
NAPHTHALENE	0.001038	85.56047160	0.00976718	0.04278024	0.04
PETROLEUM DISTILLATE VAPORS	0.718210	59200.75752200	6.75807734	29.60037876	29.60
PHENOL	0.001328	109.46464960	0.01249596	0.05473232	0.05
PROPANE	0.213579	17604.93252780	2.00969549	8.80246626	8.80
PROPYLENE	0.012587	1037.52375340	0.11843878	0.51876188	0.52
TOLUENE	0.283589	23375.73080980	2.66846242	11.68786540	11.69
TOTAL VOC	1.000000	82428.20000000	9.40961187	41.21410000	41.21
XYLENE	1.000000	3259.73000000	0.37211530	1.62986500	1.63

Cap Type: Swing
Cap Source ID: 100-T-S
Cap Throughput: 965,790,000 gallons

Year: TV412F

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	965,790,000	1095.51	83768.12
100-T-250	965,790,000	693.9	17681.02
100-T-326	965,790,000	836.05	12915.59

Cap Type: Swing (Benzene Scenario)
Cap Source ID: 100-T-S (Benzene Scenario)
Cap Throughput: 376,265,400 gallons

Year: TV412F

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	376,265,400	491.21	68157.58
100-T-250	376,265,400	933.3	14386.09
100-T-326	376,265,400	1124.3	10508.71

Cap Type: Swing (Xylene Scenario)
Cap Source ID: 100-T-S (Xylene Scenario)
Cap Throughput: 98000000 gallons

Year: TV412F

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	98,000,000	125.84	94332.1
100-T-250	98,000,000	239.09	19910.76
100-T-326	98,000,000	288.02	14544.37

Tank: 100-T-113

Cap ID	Max VOC Emissions (lb/hr)
100-T-113	9.687628995
100-T-113 (Benzene Scenario)	7.836619863
100-T-113 (Xylene Scenario)	10.78286986

Speciated VOC Emissions = Total VOC Emissions x Pollutant Vapor Weight Fraction

Pollutant	Vapor Weight Fraction	Max Speciated Emissions (lb/hr)	Max Speciated Emissions (lb/hr)
1,2,4 TMB	0.123447	1.19590874	1.196
1,3 BUTADIENE	0.002520	0.02441283	0.024
2,2,4 TMP	0.000378	0.00366192	0.004
BENZENE	1.000000	7.83661986	7.837
BIPHENYL	0.000428	0.00414631	0.004
BUTANE	0.861613	8.34698708	8.347
CRESOLS	0.000182	0.00176315	0.002
CUMENE	0.015891	0.15394611	0.154
ETHANE	1.31E-08	0.00000013	0.000
ETHYL BENZENE	0.007630	0.07391661	0.074
ETHYLENE	0.052446	0.50807739	0.508
GASOLINE VAPORS	0.000107	0.00103425	0.001
HEXANE	0.014291	0.13844591	0.138
HYDROGEN SULFIDE	0.000003	0.00002906	0.000
NAPHTHALENE	0.001038	0.01005576	0.010
PETROLEUM DISTILLATE VAPORS	0.718210	6.95775202	6.958
PHENOL	0.001328	0.01286517	0.013
PROPANE	0.213579	2.06907411	2.069
PROPYLENE	0.012587	0.12193819	0.122
TOLUENE	0.283589	2.74730502	2.747
TOTAL VOC	1.000000	9.68762900	9.688
XYLENE	1.000000	10.78286986	10.783

Tank: 100-T-250

Cap ID	Max VOC Emissions (lb/hr)
100-T-250	2.097593607
100-T-250 (Benzene Scenario)	1.748788813
100-T-250 (Xylene Scenario)	2.300211187

Speciated VOC Emissions = Total VOC Emissions x Pollutant Vapor Weight Fraction

Pollutant	Vapor Weight Fraction	Speciated Emissions (lb/yr)	Speciated Emissions (lb/hr)
1,2,4 TMB	0.123447	0.25894164	0.259
1,3 BUTADIENE	0.002520	0.00528594	0.005
2,2,4 TMP	0.000378	0.00079289	0.001
BENZENE	1.000000	1.74878881	1.749
BIPHENYL	0.000428	0.00089777	0.001
BUTANE	0.861613	1.80731392	1.807
CRESOLS	0.000182	0.00038176	0.000
CUMENE	0.015891	0.03333286	0.033
ETHANE	1.31E-08	0.00000003	0.000
ETHYL BENZENE	0.007630	0.01600464	0.016
ETHYLENE	0.052446	0.11001039	0.110
GASOLINE VAPORS	0.000107	0.00022394	0.000
HEXANE	0.014291	0.02997671	0.030
HYDROGEN SULFIDE	0.000003	0.00000629	0.000
NAPHTHALENE	0.001038	0.00217730	0.002
PETROLEUM DISTILLATE VAPORS	0.718210	1.50651270	1.507
PHENOL	0.001328	0.00278560	0.003
PROPANE	0.213579	0.44800195	0.448
PROPYLENE	0.012587	0.02640241	0.026
TOLUENE	0.283589	0.59485447	0.595
TOTAL VOC	1.000000	2.09759361	2.098
XYLENE	1.000000	2.30021119	2.300

Tank: 100-T-326

Cap ID	Max VOC Emissions (lb/hr)
100-T-326	1.569821918
100-T-326 (Benzene Scenario)	1.327969178
100-T-326 (Xylene Scenario)	1.693195205

Speciated VOC Emissions = Total VOC Emissions x Pollutant Vapor Weight Fraction

Pollutant	Vapor Weight Fraction	Speciated Emissions (lb/yr)	Speciated Emissions (lb/hr)
1,2,4 TMB	0.123447	0.19378981	0.194
1,3 BUTADIENE	0.002520	0.00395595	0.004
2,2,4 TMP	0.000378	0.00059339	0.001
BENZENE	1.000000	1.32796918	1.328
BIPHENYL	0.000428	0.00067188	0.001
BUTANE	0.861613	1.35257897	1.353
CRESOLS	0.000182	0.00028571	0.000
CUMENE	0.015891	0.02494604	0.025
ETHANE	1.31E-08	0.00000002	0.000
ETHYL BENZENE	0.007630	0.01197774	0.012
ETHYLENE	0.052446	0.08233088	0.082
GASOLINE VAPORS	0.000107	0.00016759	0.000
HEXANE	0.014291	0.02243433	0.022
HYDROGEN SULFIDE	0.000003	0.00000471	0.000
NAPHTHALENE	0.001038	0.00162948	0.002
PETROLEUM DISTILLATE VAPORS	0.718210	1.12746180	1.127
PHENOL	0.001328	0.00208472	0.002
PROPANE	0.213579	0.33528100	0.335
PROPYLENE	0.012587	0.01975935	0.020
TOLUENE	0.283589	0.44518423	0.445
TOTAL VOC	1.000000	1.56982192	1.570
XYLENE	1.000000	1.69319521	1.693

Average Tank Emissions Calculations

Cap Type: Swing **Year:** TV412F
Cap Source ID: 100-T-S
Cap Throughput: 965,790,000 gallons

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	965,790,000	958.67	58768.54
100-T-250	965,790,000	1821.48	12404.33
100-T-326	965,790,000	2194.24	9061.09

Maximum Working Loss (lb)	Total Breathing Loss (lb)
2194.24	80233.96

Total Working Loss (lb)	Total Breathing Loss (lb)
2194.24	80233.96

Total VOC Losses for Swing Cap = 82428.2 lb/yr
41.2141 tpy

Cap Type: Swing (Benzene Scenario) **Year:** TV412F
Cap Source ID: 100-T-S (Benzene Scenario)
Cap Throughput: 108,000,000 gallons

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	108,000,000	140.99	9382.25
100-T-250	108,000,000	267.89	1980.32
100-T-326	108,000,000	322.71	1446.58

Maximum Working Loss (lb)	Total Breathing Loss (lb)
322.71	12809.15

Total Working Loss (lb)	Total Breathing Loss (lb)
322.71	12809.15

Total VOC Losses for Swing Cap = 13131.86 lb/yr
6.56593 tpy

Cap Type: Swing (Xylene Scenario) **Year:** TV412F
Cap Source ID: 100-T-S (Xylene Scenario)
Cap Throughput: 98,000,000 gallons

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	98,000,000	125.84	2176.68
100-T-250	98,000,000	239.09	459.43
100-T-326	98,000,000	288.02	335.6

Maximum Working Loss (lb)	Total Breathing Loss (lb)
288.02	2971.71

Total Working Loss (lb)	Total Breathing Loss (lb)
288.02	2971.71

Total VOC Losses for Swing Cap = 3259.73 lb/yr
1.629865 tpy

Average Speciated Tank Emissions

Cap Type: Swing

Cap ID	Total VOC Emissions (tpy)
100-T-S	41.2141
100-T-S (Benzene Scenario)	6.56593
100-T-S (Xylene Scenario)	1.629865

Speciated VOC Emissions = Total VOC Emissions x Pollutant Vapor Weight Fraction

Pollutant	Vapor Weight Fraction	Speciated Emissions (lb/yr)	Speciated Emissions (lb/hr)	Speciated Emission (tpy)	Speciated Emission (tpy)
1,2,4 TMB	0.123447	10175.51400540	1.16158836	5.08775700	5.09
1,3 BUTADIENE	0.002520	207.71906400	0.02371222	0.10385953	0.10
2,2,4 TMP	0.000378	31.15785960	0.00355683	0.01557893	0.02
BENZENE	1.000000	13131.86000000	1.49907078	6.56593000	6.57
BIPHENYL	0.000428	35.27926960	0.00402731	0.01763963	0.02
BUTANE	0.861613	71021.20868660	8.10744391	35.51060434	35.51
CRESOLS	0.000182	15.00193240	0.00171255	0.00750097	0.01
CUMENE	0.015891	1309.86652620	0.14952814	0.65493326	0.65
ETHANE	1.31E-08	0.00107981	0.00000012	0.00000054	<0.01
ETHYL BENZENE	0.007630	628.92716600	0.07179534	0.31446358	0.31
ETHYLENE	0.052446	4323.02937720	0.49349650	2.16151469	2.16
GASOLINE VAPORS	0.000107	8.80003463	0.00100457	0.00440002	<0.01
HEXANE	0.014291	1177.98140620	0.13447276	0.58899070	0.59
HYDROGEN SULFIDE	0.000003	0.24728460	0.00002823	0.00012364	<0.01
NAPHTHALENE	0.001038	85.56047160	0.00976718	0.04278024	0.04
PETROLEUM DISTILLATE VAPORS	0.718210	59200.75752200	6.75807734	29.60037876	29.60
PHENOL	0.001328	109.46464960	0.01249596	0.05473232	0.05
PROPANE	0.213579	17604.93252780	2.00969549	8.80246626	8.80
PROPYLENE	0.012587	1037.52375340	0.11843878	0.51876188	0.52
TOLUENE	0.283589	23375.73080980	2.66846242	11.68786540	11.69
TOTAL VOC	1.000000	82428.20000000	9.40961187	41.21410000	41.21
XYLENE	1.000000	3259.73000000	0.37211530	1.62986500	1.63

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-113
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Lt. Gasoline Blending

Tank Dimensions

Diameter (ft):	190.00
Volume (gallons):	7,518,000.00
Turnovers:	128.46

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Roof Drain (3-in. Diameter)/Open	1
Unslotted Guide-Pole Well/Ungasketed Sliding Cover	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Gasketed	19
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Gasketed	75

Meterological Data used in Emissions Calculations: New Orleans, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-113 - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf Temperature (deg F) Avg	Min	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance Lt. Gasoline Blending Comp. ac	All	69.99	64.84	75.14	68.06	9.0000	N/A	N/A	96.0000			96.00	Option 1: VP60 = 9 VP70 = 9

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-113 - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Lt. Gasoline Blending Comp. ac	16,287.74	958.67	42,480.80	0.00	59,727.22

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-113 (Benzene)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Swing Tank (Benzene Scenario)

Tank Dimensions

Diameter (ft):	190.00
Volume (gallons):	7,518,000.00
Turnovers:	14.37

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Roof Drain (3-in. Diameter)/Open	1
Unslotted Guide-Pole Well/Ungasketed Sliding Cover	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Gasketed	19
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Gasketed	75

Meterological Data used in Emissions Calculations: New Orleans, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-113 (Benzene) - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
80 Benzene	All	69.99	64.84	75.14	68.08	2.4500	N/A	N/A	78.1100			78.11	Option 1: VP60 = 2.45 VP70 = 2.45

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-113 (Benzene) - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
80 Benzene	2,600.30	140.99	6,781.95	0.00	9,523.23

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-113 (Xylene)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Swing Tank (Xylene Scenario)

Tank Dimensions

Diameter (ft):	190.00
Volume (gallons):	7,518,000.00
Turnovers:	13.04

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Roof Drain (3-in. Diameter)/Open	1
Unslotted Guide-Pole Well/Ungasketed Sliding Cover	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Gasketed	19
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Gasketed	75

Meterological Data used in Emissions Calculations: New Orleans, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-113 (Xylene) - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance Xylene	All	69.99	64.84	75.14	68.06	0.4500	N/A	N/A	106.1700			106.17	Option 1: VP60 = .45 VP70 = .45

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-113 (Xylene) - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Xylene	603.27	125.84	1,573.41	0.00	2,302.51

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-250
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Xylene

Tank Dimensions

Diameter (ft):	100.00
Volume (gallons):	2,100,000.00
Turnovers:	459.90

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Ungasketed	18
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Ungasketed	15
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Roof Drain (3-in. Diameter)/90% Closed	1

Meterological Data used in Emissions Calculations: New Orleans, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-250 - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance Lt. Gasoline Blending Comp. ac	All	69.99	64.84	75.14	68.06	9.0000	N/A	N/A	96.0000			96.00	Option 1: VP60 = 9 VP70 = 9

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-250 - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Lt. Gasoline Blending Comp. ac	8,572.50	1,821.48	3,831.83	0.00	14,225.81

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-250 (Benzene)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Swing Tank (Benzene Scenario)

Tank Dimensions

Diameter (ft):	100.00
Volume (gallons):	2,100,000.00
Turnovers:	51.43

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Ungasketed	18
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Ungasketed	15
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Roof Drain (3-in. Diameter)/90% Closed	1

Meterological Data used in Emissions Calculations: New Orleans, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-250 (Benzene) - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
80 Benzene	All	69.99	64.84	75.14	66.06	2.4500	N/A	N/A	78.1100			78.11	Option 1: VP60 = 2.45 VP70 = 2.45

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-250 (Benzene) - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
80 Benzene	1,368.58	267.89	611.74	0.00	2,248.20

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-250 (Xylene)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Swing Tank (Xylene Scenario)

Tank Dimensions

Diameter (ft):	100.00
Volume (gallons):	2,100,000.00
Turnovers:	46.67

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Ungasketed	18
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Ungasketed	15
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Roof Drain (3-in. Diameter)/90% Closed	1

Meterological Data used in Emissions Calculations: New Orleans, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-250 (Xylene) - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance Xylene	All	69.99	64.84	75.14	68.06	0.4500	N/A	N/A	106.1700			106.17	Option 1: VP60 = .45 VP70 = .45

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-250 (Xylene) - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Xylene	317.51	239.09	141.92	0.00	698.52

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-326
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	Internal Floating Roof Tank
Description:	Xylene (backup)

Tank Dimensions

Diameter (ft):	84.00
Volume (gallons):	1,554,000.00
Turnovers:	621.49
Self Supp. Roof? (y/n):	N
No. of Columns:	1.00
Eff. Col. Diam. (ft):	1.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Liquid-mounted
Secondary Seal	None

Deck Characteristics

Deck Fitting Category:	Detail
Deck Type:	Welded

Deck Fitting/Status	Quantity
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Roof Leg or Hanger Well/Adjustable	26
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1

Meterological Data used in Emissions Calculations: New Orleans, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-326 - Internal Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance Lt. Gasoline Blending Comp. ac	All	69.99	64.84	75.14	68.06	9.0000	N/A	N/A	96.0000			96.00	Option 1: VP60 = 9 VP70 = 9

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-326 - Internal Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Lt. Gasoline Blending Comp. ac	2,984.83	2,194.24	6,076.26	0.00	11,255.33

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-326 (Benzene)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	Internal Floating Roof Tank
Description:	Swing Tank (Benzene Scenario)

Tank Dimensions

Diameter (ft):	84.00
Volume (gallons):	1,554,000.00
Turnovers:	69.50
Self Supp. Roof? (y/n):	N
No. of Columns:	1.00
Eff. Col. Diam. (ft):	1.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Liquid-mounted
Secondary Seal	None

Deck Characteristics

Deck Fitting Category:	Detail
Deck Type:	Welded

Deck Fitting/Status	Quantity
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Roof Leg or Hanger Well/Adjustable	26
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1

Meterological Data used in Emissions Calculations: New Orleans, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-326 (Benzene) - Internal Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
80 Benzene	All	69.99	64.84	75.14	68.06	2.4500	N/A	N/A	78.1100			78.11	Option 1: VP60 = 2.45 VP70 = 2.45

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-326 (Benzene) - Internal Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
80 Benzene	476.52	322.71	970.06	0.00	1,769.29

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-326 (Xylene)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	Internal Floating Roof Tank
Description:	Swing Tank (Xylene Scenario)

Tank Dimensions

Diameter (ft):		84.00
Volume (gallons):		1,554,000.00
Turnovers:		63.06
Self Supp. Roof? (y/n):	N	
No. of Columns:		1.00
Eff. Col. Diam. (ft):		1.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Liquid-mounted
Secondary Seal	None

Deck Characteristics

Deck Fitting Category:	Detail
Deck Type:	Welded

Deck Fitting/Status	Quantity
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Roof Leg or Hanger Well/Adjustable	26
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1

Meterological Data used in Emissions Calculations: New Orleans, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-326 (Xylene) - Internal Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass FracL	Vapor Mass FracL	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance Xylene	All	69.99	64.84	75.14	68.08	0.4500	N/A	N/A	106.1700			106.17	Option 1: VP60 = .45 VP70 = .45

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-326 (Xylene) - Internal Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Xylene	110.55	288.02	225.05	0.00	623.62

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Maximum Tank Emissios Calculations

Cap Type: Swing **Year:** TV412F
Cap Source ID: 100-T-S
Cap Throughput: 965,790,000 gallons

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	965,790,000	1095.51	83768.12
100-T-250	965,790,000	693.9	17681.02
100-T-326	965,790,000	836.05	12915.59

Cap Type: Swing (Benzene Scenario) **Year:** TV412F
Cap Source ID: 100-T-S (Benzene Scenario)
Cap Throughput: 376,265,400 gallons

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	376,265,400	491.21	68157.58
100-T-250	376,265,400	933.3	14386.09
100-T-326	376,265,400	1124.3	10508.71

Cap Type: Swing (Xylene Scenario) **Year:** TV412F
Cap Source ID: 100-T-S (Xylene Scenario)
Cap Throughput: 98000000 gallons

Tank Source ID	Actual Throughput (gal)	Working Loss (lb)	Breathing Loss (lb)
100-T-113	98,000,000	125.84	94332.1
100-T-250	98,000,000	239.09	19910.76
100-T-326	98,000,000	288.02	14544.37

Maximum Speciated Tank Calculations

Tank: 100-T-113

Cap ID	Max VOC Emissions (lb/hr)
100-T-113	9.687628995
100-T-113 (Benzene Scenario)	7.836619863
100-T-113 (Xylene Scenario)	10.78286986

Speciated VOC Emissions = Total VOC Emissions x Pollutant Vapor Weight Fraction

Pollutant	Vapor Weight Fraction	Max Speciated Emissions (lb/hr)	Max Speciated Emissions (lb/hr)
1,2,4 TMB	0.123447	1.19590874	1.196
1,3 BUTADIENE	0.002520	0.02441283	0.024
2,2,4 TMP	0.000378	0.00366192	0.004
BENZENE	1.000000	7.83661986	7.837
BIPHENYL	0.000428	0.00414631	0.004
BUTANE	0.861613	8.34698708	8.347
CRESOLS	0.000182	0.00176315	0.002
CUMENE	0.015891	0.15394611	0.154
ETHANE	1.31E-08	0.00000013	0.000
ETHYL BENZENE	0.007630	0.07391661	0.074
ETHYLENE	0.052446	0.50807739	0.508
GASOLINE VAPORS	0.000107	0.00103425	0.001
HEXANE	0.014291	0.13844591	0.138
HYDROGEN SULFIDE	0.000003	0.00002906	0.000
NAPHTHALENE	0.001038	0.01005576	0.010
PETROLEUM DISTILLATE VAPORS	0.718210	6.95775202	6.958
PHENOL	0.001328	0.01286517	0.013
PROPANE	0.213579	2.06907411	2.069
PROPYLENE	0.012587	0.12193819	0.122
TOLUENE	0.283589	2.74730502	2.747
TOTAL VOC	1.000000	9.68762900	9.688
XYLENE	1.000000	10.78286986	10.783

Maximum Speciated Tank Calculations

Tank: 100-T-250

Cap ID	Max VOC Emissions (lb/hr)
100-T-250	2.097593607
100-T-250 (Benzene Scenario)	1.748788813
100-T-250 (Xylene Scenario)	2.300211187

Speciated VOC Emissions = Total VOC Emissions x Pollutant Vapor Weight Fraction

Pollutant	Vapor Weight Fraction	Speciated Emissions (lb/yr)	Speciated Emissions (lb/hr)
1,2,4 TMB	0.123447	0.25894164	0.259
1,3 BUTADIENE	0.002520	0.00528594	0.005
2,2,4 TMP	0.000378	0.00079289	0.001
BENZENE	1.000000	1.74878881	1.749
BIPHENYL	0.000428	0.00089777	0.001
BUTANE	0.861613	1.80731392	1.807
CRESOLS	0.000182	0.00038176	0.000
CUMENE	0.015891	0.03333286	0.033
ETHANE	1.31E-08	0.00000003	0.000
ETHYL BENZENE	0.007630	0.01600464	0.016
ETHYLENE	0.052446	0.11001039	0.110
GASOLINE VAPORS	0.000107	0.00022394	0.000
HEXANE	0.014291	0.02997671	0.030
HYDROGEN SULFIDE	0.000003	0.00000629	0.000
NAPHTHALENE	0.001038	0.00217730	0.002
PETROLEUM DISTILLATE VAPORS	0.718210	1.50651270	1.507
PHENOL	0.001328	0.00278560	0.003
PROPANE	0.213579	0.44800195	0.448
PROPYLENE	0.012587	0.02640241	0.026
TOLUENE	0.283589	0.59485447	0.595
TOTAL VOC	1.000000	2.09759361	2.098
XYLENE	1.000000	2.30021119	2.300

Maximum Speciated Tank Calculations

Tank: 100-T-326

Cap ID	Max VOC Emissions (lb/hr)
100-T-326	1.569821918
100-T-326 (Benzene Scenario)	1.327969178
100-T-326 (Xylene Scenario)	1.693195205

Speciated VOC Emissions = Total VOC Emissions x Pollutant Vapor Weight Fraction

Pollutant	Vapor Weight Fraction	Speciated Emissions (lb/yr)	Speciated Emissions (lb/hr)
1,2,4 TMB	0.123447	0.19378981	0.194
1,3 BUTADIENE	0.002520	0.00395595	0.004
2,2,4 TMP	0.000378	0.00059339	0.001
BENZENE	1.000000	1.32796918	1.328
BIPHENYL	0.000428	0.00067188	0.001
BUTANE	0.861613	1.35257897	1.353
CRESOLS	0.000182	0.00028571	0.000
CUMENE	0.015891	0.02494604	0.025
ETHANE	1.31E-08	0.00000002	0.000
ETHYL BENZENE	0.007630	0.01197774	0.012
ETHYLENE	0.052446	0.08233088	0.082
GASOLINE VAPORS	0.000107	0.00016759	0.000
HEXANE	0.014291	0.02243433	0.022
HYDROGEN SULFIDE	0.000003	0.00000471	0.000
NAPHTHALENE	0.001038	0.00162948	0.002
PETROLEUM DISTILLATE VAPORS	0.718210	1.12746180	1.127
PHENOL	0.001328	0.00208472	0.002
PROPANE	0.213579	0.33528100	0.335
PROPYLENE	0.012587	0.01975935	0.020
TOLUENE	0.283589	0.44518423	0.445
TOTAL VOC	1.000000	1.56982192	1.570
XYLENE	1.000000	1.69319521	1.693

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-113
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Lt. Gasoline Blending

Tank Dimensions

Diameter (ft):	190.00
Volume (gallons):	7,518,000.00
Turnovers:	146.80

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Roof Drain (3-in. Diameter)/Open	1
Unslotted Guide-Pole Well/Ungasketed Sliding Cover	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Gasketed	19
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Gasketed	75

Meterological Data used in Emissions Calculations: Belle Chasse, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-113 - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance LT. Gasoline Blending Component (VP 11)	All	105.89	101.72	110.06	103.96	11.0000	N/A	N/A	96.0000			96.00	

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-113 - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance LT. Gasoline Blending Component (VP 11)	23,216.40	1,095.51	60,551.72	0.00	84,863.63

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-113 (Benzene Scenario)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Swing Tank (Benzene Scenario)

Tank Dimensions

Diameter (ft):	190.00
Volume (gallons):	7,518,000.00
Turnovers:	50.05

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Roof Drain (3-in. Diameter)/Open	1
Unslotted Guide-Pole Well/Ungasketed Sliding Cover	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Gasketed	19
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Gasketed	75

Meterological Data used in Emissions Calculations: Belle Chasse, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-113 (Benzene Scenario) - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance Benzene	All	105.89	101.72	110.06	103.96	11.0000	N/A	N/A	78.1100			78.11	

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-113 (Benzene Scenario) - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Benzene	18,889.92	491.21	49,267.66	0.00	68,648.79

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-113 (Xylene Scenario)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Swing Tank (Xylene Scenario)

Tank Dimensions

Diameter (ft):	190.00
Volume (gallons):	7,518,000.00
Turnovers:	13.04

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Roof Drain (3-in. Diameter)/Open	1
Unslotted Guide-Pole Well/Ungasketed Sliding Cover	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Gasketed	19
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Gasketed	75

Meterological Data used in Emissions Calculations: Belle Chasse, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-113 (Xylene Scenario) - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass FracL	Vapor Mass FracL	Mol. Weight	Basis for Vapor Pressure Calculations
Alkance Xylene (-m) (VP 11.1)	All	105.89	101.72	110.06	103.96	11.1000	N/A	N/A	106.1700			106.17	

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-113 (Xylene Scenario) - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Xylene (-m) (VP 11.1)	26,144.21	125.84	68,187.89	0.00	94,457.94

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-250
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Xylene

Tank Dimensions

Diameter (ft):	100.00
Volume (gallons):	2,100,000.00
Turnovers:	175.20

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Ungasketed	18
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Ungasketed	15
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Roof Drain (3-in. Diameter)/90% Closed	1

Meterological Data used in Emissions Calculations: Belle Chasse, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-250 - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance LT. Gasoline Blending Component (VP 11)	All	105.89	101.72	110.06	103.96	11.0000	N/A	N/A	96.0000			96.00	

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-250 - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance LT. Gasoline Blending Component (VP 11)	12,219.16	693.90	5,461.86	0.00	18,374 91

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-250 (Benzene Scenario)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Swing Tank (Benzene Scenario)

Tank Dimensions

Diameter (ft):	100.00
Volume (gallons):	2,100,000.00
Turnovers:	175.20

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Ungasketed	18
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Ungasketed	15
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Roof Drain (3-in. Diameter)/90% Closed	1

Meterological Data used in Emissions Calculations: Belle Chasse, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-250 (Benzene Scenario) - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance Benzene	All	105.69	101.72	110.06	103.98	11.0000	N/A	N/A	78.1100			78.11	

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-250 (Benzene Scenario) - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Benzene	9,942.07	933.30	4,444.02	0.00	15,319.38

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-250 (Xylene Scenario)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	External Floating Roof Tank
Description:	Swing Tank (Xylene Scenario)

Tank Dimensions

Diameter (ft):	100.00
Volume (gallons):	2,100,000.00
Turnovers:	46.67

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good

Roof Characteristics

Type:	Pontoon
Fitting Category	Detail

Tank Construction and Rim-Seal System

Construction:	Welded
Primary Seal:	Mechanical Shoe
Secondary Seal	Rim-mounted

Deck Fitting/Status	Quantity
Rim Vent (6-in. Diameter)/Weighted Mech. Actuation, Gask.	1
Roof Leg (3-in. Diameter)/Adjustable, Pontoon Area, Ungasketed	18
Roof Leg (3-in. Diameter)/Adjustable, Center Area, Ungasketed	15
Access Hatch (24-in. Diam.)/Bolted Cover, Gasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	2
Gauge-Hatch/Sample Well (8-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Roof Drain (3-in. Diameter)/90% Closed	1

Meterological Data used in Emissions Calculations: Belle Chasse, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-250 (Xylene Scenario) - External Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance Xylene (-m) (VP 11.1)	All	105.89	101.72	110.08	103.96	11.1000	N/A	N/A	106.1700			106.17	

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-250 (Xylene Scenario) - External Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Xylene (-m) (VP 11.1)	13,760.11	239.09	6,150.65	0.00	20,149.85

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-326
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	Internal Floating Roof Tank
Description:	Xylene (backup)

Tank Dimensions

Diameter (ft):	84.00
Volume (gallons):	1,554,000.00
Turnovers:	236.80
Self Supp. Roof? (y/n):	N
No. of Columns:	1.00
Eff. Col. Diam. (ft):	1.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Liquid-mounted
Secondary Seal	None

Deck Characteristics

Deck Fitting Category:	Detail
Deck Type:	Welded

Deck Fitting/Status	Quantity
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Roof Leg or Hanger Well/Adjustable	26
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1

Meterological Data used in Emissions Calculations: Belle Chasse, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-326 - Internal Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance LT. Gasoline Blending Component (VP 11)	All	105.89	101.72	110.06	103.96	11.0000	N/A	N/A	96.0000			96.00	

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-326 - Internal Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance LT. Gasoline Blending Component (VP 11)	4,254.55	836.05	8,661.04	0.00	13,751.64

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-326 (Benzene Scenario)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	Internal Floating Roof Tank
Description:	Swing Tank (Benzene Scenario)

Tank Dimensions

Diameter (ft):	84.00
Volume (gallons):	1,554,000.00
Turnovers:	236.80
Self Supp. Roof? (y/n):	N
No. of Columns:	1.00
Eff. Col. Diam. (ft):	1.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Liquid-mounted
Secondary Seal	None

Deck Characteristics

Deck Fitting Category:	Detail
Deck Type:	Welded

Deck Fitting/Status	Quantity
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Roof Leg or Hanger Well/Adjustable	26
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1

Meterological Data used in Emissions Calculations: Belle Chasse, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-326 (Benzene Scenario) - Internal Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alliance Benzene	All	105.89	101.72	110.06	103.96	11.0000	N/A	N/A	78.1100			78.11	

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-326 (Benzene Scenario) - Internal Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Benzene	3,461.69	1,124.30	7,047.02	0.00	11,633.01

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TANKS 4.0.9d
Emissions Report - Summary Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	100-T-326 (Xylene Scenario)
City:	Belle Chasse
State:	Louisiana
Company:	ConocoPhillips Company - Alliance Refinery
Type of Tank:	Internal Floating Roof Tank
Description:	Swing Tank (Xylene Scenario)

Tank Dimensions

Diameter (ft):	84.00
Volume (gallons):	1,554,000.00
Turnovers:	63.06
Self Supp. Roof? (y/n):	N
No. of Columns:	1.00
Eff. Col. Diam. (ft):	1.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Liquid-mounted
Secondary Seal	None

Deck Characteristics

Deck Fitting Category:	Detail
Deck Type:	Welded

Deck Fitting/Status	Quantity
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Roof Leg or Hanger Well/Adjustable	26
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1

Meterological Data used in Emissions Calculations: Belle Chasse, Louisiana (Avg Atmospheric Pressure = 14.75 psia)

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TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

100-T-326 (Xylene Scenario) - Internal Floating Roof Tank
Belle Chasse, Louisiana

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Alkance Xylene (-m) (VP 11.1)	All	105.89	101.72	110.06	103.98	11.1000	N/A	N/A	106.1700			106.17	

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TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

100-T-326 (Xylene Scenario) - Internal Floating Roof Tank
Belle Chasse, Louisiana

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Alliance Xylene (-m) (VP 11.1)	4,791.09	288.02	9,753.28	0.00	14,832.39

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COPY

SAGE
ENVIRONMENTAL CONSULTING

original to IOP
copy to Dyer

LDEQ RECEIPT

2008 JAN 3 PM 1 23

January 3, 2008

Dr. Chuck Carr Brown, Assistant Secretary
Office of Environmental Compliance
Louisiana Department of Environmental Quality
P.O. Box 4313
Baton Rouge, LA 70821-4313

RE: ConocoPhillips Company–Alliance Refinery (AI No. 2418)
Unit 412–Offsites/Tanks Unit
Fee No. 0720 for the Reconciliation to Part 70 Operating Permit
No. 2513-V4

Dear Dr. Brown:

On behalf of our client, ConocoPhillips Company–Alliance Refinery, and pursuant to LAC 33:III:Chapter 2, Sage Environmental Consulting (Sage) is submitting this check for the Reconciliation to the Part 70 Operating Permit No. 2513-V4. This Reconciliation was submitted to the Louisiana Department of Environmental Quality on December 28, 2007. A check in the amount of $1,866.00 (Fee No. 0720) is attached.

If you or your staff has any questions concerning this submittal, please contact me at (225) 927-2258.

Sincerely,
Sage Envrionmental Consulting, L.P.

Kelly Jean Bradberry

Kelly Jean Bradberry
Client Service Manager

Cc: Laurence Poché, ConocoPhillips Company–Alliance Refinery
Cc: Steve Johnson, ConocoPhillips Company–Alliance Refinery

Attachment

RECEIVED
JAN 03 2008
LDEQ

8440 JEFFERSON HIGHWAY, SUITE 400 • BATON ROUGE, LOUISIANA • 70809 • 225/927-2258 • FAX 225/927-2256

RECEIPT OF CHECK

Report Date/Time
1/4/2008 8:48:27 AM

AI NUMBER	2418
Company Name	Sage Environmental Consulti
Site Name/Location	
Phone Number	(51) 232-7028
Date Received	1/3/2008
Date on Check	1/2/2008
Check Number	64357
Amount Received	$1,866.00

RECEIPT GENERATED BY: Barbara Williamson

COMMENTS fee for ConocoPhillips Company, Alliance Refinery Unit 412--Offsites/Tanks Unit for reconciliation to Part 70 Operating perit 2513-V4

Media: AIR QUALITY

COPY

ConocoPhillips

Alliance Refinery
Agency Interest No. 2418
P.O. Box 176
15551 Hwy. 23 South
Belle Chasse, LA 70037-0176

December 14, 2007

original to IOA
Copy to Petro/Gz/Dyer
PAAR

2007 DEC 28 PM 12 11
LDEQ RECEIPT

Dr. Chuck Carr Brown, Assistant Secretary
Office of Environmental Compliance
Louisiana Department of Environmental Quality
P.O. Box 4313
Baton Rouge, LA 70821-4313

PER20070024

RE: ConocoPhillips Company – Alliance Refinery (AI No. 2418)
Unit 412 – Offsites Unit
Reconciliation of Part 70 Operating Permit No. 2513-V4

Dear Dr. Brown:

ConocoPhillips Company – Alliance Refinery (ConocoPhillips) is submitting this Part 70 Operating Permit Reconciliation pursuant to LAC 33:III.525 for the minor modification of Permit No. 2513-V4 (Unit 412 – Offsites Unit). This application addresses the following issues:

- Correction of the vapor pressures for the Benzene, Heavy Oils, Other Petrochemicals, Swing and Xylene Caps tanks. These vapor pressures were not transitioned from the Renewal of 2513-V2 appropriately;
- Reconcile the Regulatory Table 1 as listed in the Renewal of 2513-V2 permit application;
- Reconcile the Unit Fugitives (Source ID 412-A-FF and 412-S-FF) to reflect the new component count from Refinery Wide Retagging Project; and
- Reconcile the GCXVII emissions as listed in the permit application.

As requested by LDEQ, three copies of this application are being submitted to the agency and one additional copy is being kept onsite at the refinery. In addition, ConocoPhillips will submit a copy of this revised Part 70 application to EPA Region VI as required by LAC 33:517.A.2.

If you or your staff has any questions concerning this submittal, please contact me at (504) 656-3212.

Sincerely,

Laurence R Poché

Laurence R. Poché
Environmental Services Superintendent

Attachments

Cc: Steve Johnson, Environmental Specialists

RECEIVED
DEC 28 2007
LDEQ