# PUBLIC NOTICE
# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
# EXXONMOBIL REFINING AND SUPPLY COMPANY
# BATON ROUGE REFINERY (BRRF) – SPECIALTIES COMPLEX
# PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL/MODIFICATION

The LDEQ, Office of Environmental Services, is accepting written comments on the proposed Part 70 air opreating permit renewal/modification for ExxonMobil Refining and Supply Company, P.O. Box 551, Baton Rouge, Louisiana 70821 for the Baton Rouge Refinery – Specialties Complex. **The facility is located at 4045 Scenic Highway, Baton Rouge, East Baton Rouge Parish.**

The Baton Rouge Refinery-Specialties Complex processses various feed stocks to produce a paraffinic raffinate product, separates wax and oil from lube oil feed stocks, and improves the color and removes sulfur from wax. The facility is covered by Standard Industrial Classification (SIC) 2911. BRRF requested to renew and modify the Part 70 Permit. There are no physical changes associated with this permit. The facility currently operates under Permit No. 2341-V1, dated October 11, 2007.

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

| Pollutant | Before | After | Change |
|---|---|---|---|
| $PM_{10}$ | 35.64 | 35.64 | - |
| $SO_2$ | 432.65 | 97.64 | -335.01 |
| $NO_X$ | 268.06 | 268.06 | - |
| CO | 281.95 | 302.57 | 20.62 |
| VOC * | 1126.33 | 1119.45 | -6.88 |

*Includes a number of Toxic Air Pollutants.

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

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Wednesday, December 30, 2009.** Written comments will be considered prior to a final permit decision.

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

The application, proposed Part 70 air operating permit renewal/modification and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov**.

An additional copy may be reviewed at the East Baton Rouge Parish Library-Delmont Gardens Branch, 3351 Lorraine Street, Baton Rouge, LA.

Inquiries or requests for additional information regarding this permit action should be directed to Dawei Pan, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-0930.

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

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

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

**All correspondence should specify AI Number 2638, Permit Number 2341-V2, and Activity Number PER20090009**.

**Publication date: November 25, 2009**

BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

# State of Louisiana

## DEPARTMENT OF ENVIRONMENTAL QUALITY
## ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20090009
Agency Interest No. 2638

Mr. Steven L. Blume
Refinery Manager
ExxonMobil Refining and Supply Company
P.O. Box 551
Baton Rouge, Louisiana 70821-0551

RE: Part 70 Operating Permit Renewal/Modification, Baton Rouge Refinery – Specialties Complex, ExxonMobil Refining and Supply Company, Baton Rouge, East Baton Rouge Parish, Louisiana

Dear Mr. Steven L. Blume:

This is to inform you that the permit renewal/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 ___ of _____, 2014, 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 number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 2341-V2

Sincerely,

P/N

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

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**ExxonMobil Refining & Supply Company**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## I. Background

The Baton Rouge Refining and Supply Company (BRRF) owns and operates a petroleum refinery in Baton Rouge, Louisiana. The Specialties Complex is an existing complex at BRRF that currently operates under Permit No. 2341-V1 dated October 11, 2007.

This is the Part 70 operating permit for the facility.

## II. Origin

A permit application and Emission Inventory Questionnaire were submitted by ExxonMobil Refining & Supply Company on June 10, 2009 requesting a Part 70 operating permit renewal/modification. Additional information dated July 21, 2009 was also received.

## III. Description

The Specialties Complex consists of the Lube Extraction (LELA), Ketone Dewaxing (KDLA), Wax Hydrofining (WHLA), Lube Hydrofining (LHLA) facilities and the West Complex (WCPLX). The LELA facility processes various feed stocks to produce a paraffinic raffinate product. The KDLA facility separates wax and oil from lube oil feed stocks. The WHLA facility improves the color and removes sulfur from wax. The LHLA facility improves the color, odor, sulfur content, or a combination of properties for certain products. The WCPLX has pumping, storage, loading and blending areas, including the Specialties Tank Farm. The Specialties Tank Farm includes fixed roof tanks used in storing materials associated with lube manufacturing.

This permit is the Part 70 renewal/modification which incorporates the emission sources from the permit 2341-V1 and includes the reconciliation of emission factor changes. This permit also includes an alternate operating scenario for tanks 537 and 538 to allow these tanks to be capable of storing unit solvent slop during tunaround operations. Also, 8 storage tanks and the associated emissions have been removed from this permit, due to the tanks being dismantled. Additionally, the emissions from solvent emission sources have been reconciled to mitigate double-counting of solvent emissions in fugitive sources (FUG0005) and in area solvent emissions (ARE0007).

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

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**ExxonMobil Refining & Supply Company**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

Estimated emissions in tons per year are as follows:

| Pollutant | Before | After | Change |
|---|---|---|---|
| $PM_{10}$ | 35.64 | 35.64 | - |
| $SO_2$ | 432.65 | 97.64 | -335.01 |
| $NO_X$ | 268.06 | 268.06 | - |
| CO | 281.95 | 302.57 | 20.62 |
| VOC * | 1126.33 | 1119.45 | -6.88 |

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

| Pollutant | Before | After | Change |
|---|---|---|---|
| 1,3-Butadiene | 0.05 | 0.05 | - |
| 2,2,4-Trimethylpentane | 0.05 | 0.05 | - |
| Benzene | 0.10 | 0.10 | - |
| Biphenyl | 0.19 | 0.19 | - |
| Cresol | 0.05 | 0.05 | - |
| Cumene | 0.07 | 0.07 | - |
| Ethyl benzene | 0.91 | 0.91 | - |
| Methanol | 9.44 | 9.44 | - |
| Methyl Ethyl Ketone | 427.43 | 427.43 | - |
| Methyl tert-Butyl Ether | 210.14 | 210.14 | - |
| n-Hexane | 0.40 | 0.40 | - |
| Naphthalene | 0.42 | 0.42 | - |
| Styrene | 0.05 | 0.05 | - |
| Toluene | 0.19 | 0.19 | - |
| Xylene (mixed isomers) | 0.67 | 0.67 | - |
| Hydrogen Sulfide | 0.34 | 0.34 | - |
| Total | 650.50 | 650.50 | - |

Other VOC (TPY): 468.95

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

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**ExxonMobil Refining & Supply Company**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## IV. Type of Review

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

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

## 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 **<date>**, 2009; and in the <local paper>, <local town>, on **<date>**, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on **<date>**. The draft permit was also submitted to US EPA Region VI on **<date>**. All comments will be considered prior to the final permit decision.

## VII. Effects on Ambient Air

Emissions associated with the proposed permit were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model(s) Used: None

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

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**ExxonMobil Refining & Supply Company**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

| Pollutant | Time Period | Calculated Maximum Ground Level Concentration | Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS}) |
|---|---|---|---|

## VIII. General Condition XVII Activities

| Work Activity | Schedule | Emission Rates – tons per year | | | | |
|---|---|---|---|---|---|---|
| | | $PM_{10}$ | $SO_2$ | $NO_X$ | CO | VOC |
| Equipment Maintenance/ Preparation | 390 events/year | | | | | 0.11 |
| Startup and Shutdown Activities | Annual | | | | | 4.86 |
| Catalyst Loading | Annual | | | | | 0.46 |
| Tank Cleaning (KDLA area) | 2 events/year | | | | | 0.73 |
| Tank Cleaning (LELA area) | 6 events/year | | | | | 1.44 |
| Tank Cleaning (WCPLX area) | 20 events/year | | | | | 4.81 |
| Specialties Turnround Activities | Annual | | | | | 1.16 |

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

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**ExxonMobil Refining & Supply Company**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## IX. Insignificant Activities

| ID No.: | Description | Citation |
|---|---|---|
| KDLA/IA/TK092 | Unit Tanks (<10,000gallons, TVP<=0.5 psia) | Insignificant Activity per LAC 33:III.501.B.5.A.3 |
| KDLA/IA/TK097 | Unit Tanks (<10,000gallons, TVP<=0.5 psia) | Insignificant Activity per LAC 33:III.501.B.5.A.3 |
| KDLA/IA/TK098 | Unit Tanks (<10,000gallons, TVP<=0.5 psia) | Insignificant Activity per LAC 33:III.501.B.5.A.3 |
| LELA/IA/TK066 | Unit Tanks (<10,000gallons, TVP<=0.5 psia) | Insignificant Activity per LAC 33:III.501.B.5.A.3 |
| LELA/IA/TK067 | Unit Tanks (<10,000gallons, TVP<=0.5 psia) | Insignificant Activity per LAC 33:III.501.B.5.A.3 |
| WCPLX/IA/TK068 | Unit Tanks (<10,000gallons, TVP<=0.5 psia) | Insignificant Activity per LAC 33:III.501.B.5.A.3 |
| WCPLX/IA/TK069 | Unit Tanks (<10,000gallons, TVP<=0.5 psia) | Insignificant Activity per LAC 33:III.501.B.5.A.3 |
| KDLA/IA/TK124 | CTW Treatment Chemical | Insignificant Activity per LAC 33:III.501.B.5.B.8 |
| LELA/IA/TK128 | CTW Treatment Chemical | Insignificant Activity per LAC 33:III.501.B.5.B.8 |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

**X. Applicable Louisiana and Federal Air Quality Requirements**

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5▲ | 917 | 919 | 1101 | 1305 | 1313 | 1503 | 1511 | 2103 | 2107 | 2111 | 2113 | 2115 | 2122 | 2139 | 2141 | 2151 | 2153 | 2201 | 2901 | 5107 | 5109 | 5151 | 56 | 59 |
| UNF 01 | Facility | 1 | 1 | 1 | | | | | | | | | 1 | | | 1 | 1 | 1 | 3 | | 1 | 1 | 1 | 1 | 1 | 1 |
| EQT 100 | KDLA/CT-22 | | | | | 1 | | | | | | | | | | | | | | | | | 1 | | | |
| EQT 104 | LELA/CT-34E | | | | | 1 | | | | | | | | | | | | | | | | | 1 | | | |
| EQT 105 | LELA/CT-34W | | | | | 1 | | | | | | | | | | | | | | | | | 1 | | | |
| EQT 101 | KDLA/D402 | | | | | | | | | | | | | 2 | | | | | | | | | 3 | | | |
| EQT 102 | KDLA/F425 | | | | 1 | | 1 | 2 | 2 | | | | | | | | | | | 1 | | | 2 | | | |
| EQT 106 | LELAE/F1 | | | | 1 | | 1 | 2 | 2 | | | | | | | | | | | 1 | | | 2 | | | |
| EQT 103 | KDLA/F451 | | | | 1 | | 1 | 2 | 2 | | | | | | | | | | | 1 | | | 2 | | | |
| EQT 158 | KDLA/TK0334 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 159 | KDLA/TK0537 (Normal) | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 704 | KDLA/TK0537 (ALTSC1) | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | |
| EQT 160 | KDLA/TK0538 (Normal) | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 705 | KDLA/TK0538 (ALTSC1) | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | |
| EQT 164 | LELA/TK0119 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 165 | LELA/TK0129 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 166 | LELA/TK0529 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

**X. Applicable Louisiana and Federal Air Quality Requirements**

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5▲ | 917 | 919 | 1101 | 1305 | 1313 | 1503 | 1511 | 2103 | 2107 | 2111 | 2113 | 2115 | 2122 | 2139 | 2141 | 2151 | 2153 | 2201 | 2901 | 5107 | 5109 | 5151 | 56 | 59 |
| EQT 169 | LELA/TK0532 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 170 | LELA/TK0533 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 172 | WCPLX/TK0027 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 173 | WCPLX/TK0040 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 176 | WCPLX/TK0049 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 177 | WCPLX/TK0050 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 178 | WCPLX/TK0150 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 179 | WCPLX/TK0237 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 180 | WCPLX/TK0302 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 181 | WCPLX/TK0303 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 182 | WCPLX/TK0304 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 183 | WCPLX/TK0305 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 184 | WCPLX/TK0306 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 185 | WCPLX/TK0307 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 186 | WCPLX/TK0308 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 187 | WCPLX/TK0309 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 188 | WCPLX/TK0310 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 189 | WCPLX/TK0311 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 190 | WCPLX/TK0312 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

**X. Applicable Louisiana and Federal Air Quality Requirements**

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5▲ | 917 | 919 | 1101 | 1305 | 1313 | 1503 | 1511 | 2103 | 2107 | 2111 | 2113 | 2115 | 2122 | 2139 | 2141 | 2151 | 2153 | 2201 | 2901 | 5107 | 5109 | 5151 | 56 | 59 |
| EQT 191 | WCPLX/TK0313 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 192 | WCPLX/TK0314 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 194 | WCPLX/TK0321 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 195 | WCPLX/TK0322 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 196 | WCPLX/TK0323 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 197 | WCPLX/TK0324 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 198 | WCPLX/TK0325 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 199 | WCPLX/TK0326 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 200 | WCPLX/TK0327 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 201 | WCPLX/TK0328 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 202 | WCPLX/TK0329 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 203 | WCPLX/TK0332 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 204 | WCPLX/TK0339 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 205 | WCPLX/TK0340 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 206 | WCPLX/TK0341 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 207 | WCPLX/TK0342 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 208 | WCPLX/TK0345 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 209 | WCPLX/TK0346 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 210 | WCPLX/TK0348 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |

LDEQ-EDMS Document 44253281, Page 12 of 311

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## X. Applicable Louisiana and Federal Air Quality Requirements

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5▲ | 917 | 919 | 1101 | 1305 | 1313 | 1503 | 1511 | 2103 | 2107 | 2111 | 2113 | 2115 | 2122 | 2139 | 2141 | 2151 | 2153 | 2201 | 2901 | 5107 | 5109 | 5151 | 56 | 59 |
| EQT 211 | WCPLX/TK0349 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 212 | WCPLX/TK0354 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 213 | WCPLX/TK0373 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 214 | WCPLX/TK0376 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 215 | WCPLX/TK0381 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 216 | WCPLX/TK0382 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 217 | WCPLX/TK0383 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 218 | WCPLX/TK0434 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 219 | WCPLX/TK0440 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 220 | WCPLX/TK0441 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 221 | WCPLX/TK0442 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 222 | WCPLX/TK0443 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 223 | WCPLX/TK0448 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 224 | WCPLX/TK0449 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 225 | WCPLX/TK0534 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 226 | WCPLX/TK0560 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 227 | WCPLX/TK0561 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 228 | WCPLX/TK0562 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 229 | WCPLX/TK0567 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |

LDEQ-EDMS Document 44253281, Page 13 of 311

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## X. Applicable Louisiana and Federal Air Quality Requirements

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5▲ | 917 | 919 | 1101 | 1305 | 1313 | 1503 | 1511 | 2103 | 2107 | 2111 | 2113 | 2115 | 2122 | 2139 | 2141 | 2151 | 2153 | 2201 | 2901 | 5107 | 5109 | 5151 | 56 | 59 |
| EQT 230 | WCPLX/TK0568 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 231 | WCPLX/TK0569 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 233 | WCPLX/TK0576 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 234 | WCPLX/TK0583 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 235 | WCPLX/TK0584 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 236 | WCPLX/TK0586 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 237 | WCPLX/TK0591 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 238 | WCPLX/TK0592 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 239 | WCPLX/TK0593 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 240 | WCPLX/TK0594 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 241 | WCPLX/TK0595 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 242 | WCPLX/TK0596 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 243 | WCPLX/TK0597 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 244 | WCPLX/TK0598 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 245 | WCPLX/TK0600 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 246 | WCPLX/TK0620 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 247 | WCPLX/TK0624 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 248 | WCPLX/TK0629 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 249 | WCPLX/TK0632 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |

LDEQ-EDMS Document 44253281, Page 14 of 311

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

**X. Applicable Louisiana and Federal Air Quality Requirements**

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5▲ | 917 | 919 | 1101 | 1305 | 1313 | 1503 | 1511 | 2103 | 2107 | 2111 | 2113 | 2115 | 2122 | 2139 | 2141 | 2151 | 2153 | 2201 | 2901 | 5107 | 5109 | 5151 | 56 | 59 |
| EQT 250 | WCPLX/TK0633 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 251 | WCPLX/TK0634 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 252 | WCPLX/TK0635 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 256 | WCPLX/TK0639 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 257 | WCPLX/TK0640 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 258 | WCPLX/TK0642 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 259 | WCPLX/TK0643 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 260 | WCPLX/TK0644 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 261 | WCPLX/TK0646 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 262 | WCPLX/TK0647 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 263 | WCPLX/TK0651 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 264 | WCPLX/TK0652 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 266 | WCPLX/TK0662 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 267 | WCPLX/TK0663 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 268 | WCPLX/TK0679 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 269 | WCPLX/TK0685 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 270 | WCPLX/TK0686 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 271 | WCPLX/TK0687 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 272 | WCPLX/TK0688 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## X. Applicable Louisiana and Federal Air Quality Requirements

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5▲ | 917 | 919 | 1101 | 1305 | 1313 | 1503 | 1511 | 2103 | 2107 | 2111 | 2113 | 2115 | 2122 | 2139 | 2141 | 2151 | 2153 | 2201 | 2901 | 5107 | 5109 | 5151 | 56 | 59 |
| EQT 273 | WCPLX/TK0689 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 274 | WCPLX/TK0690 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 275 | WCPLX/TK0691 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 276 | WCPLX/TK0692 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 277 | WCPLX/TK0693 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 278 | WCPLX/TK0694 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 279 | WCPLX/TK0699 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 281 | WCPLX/TK0707 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 282 | WCPLX/TK0709 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 283 | WCPLX/TK0711 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 284 | WCPLX/TK0712 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 285 | WCPLX/TK0713 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 286 | WCPLX/TK0714 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 287 | WCPLX/TK0715 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 288 | WCPLX/TK0716 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 289 | WCPLX/TK0717 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 290 | WCPLX/TK0718 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 291 | WCPLX/TK0800 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 292 | WCPLX/TK0803 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

### X. Applicable Louisiana and Federal Air Quality Requirements

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5▲ | 917 | 919 | 1101 | 1305 | 1313 | 1503 | 1511 | 2103 | 2107 | 2111 | 2113 | 2115 | 2122 | 2139 | 2141 | 2151 | 2153 | 2201 | 2901 | 5107 | 5109 | 5151 | 56 | 59 |
| EQT 293 | WCPLX/TK0806 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 295 | WCPLX/TK0812 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 161 | KDLA/TK0705 (Normal) | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | |
| SCN01 | KDLA/TK0705 (ALTSC1) | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | |
| EQT 162 | KDLA/TK0838( Normal) | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | |
| SCN02 | KDLA/TK0838 (ALTSC1) | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | | |
| EQT 167 | LELA/TK0530 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 168 | LELA/TK0531 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 171 | LELAN/F1NX | | | | 1 | | 1 | 2 | 2 | | | | | | | | | | | 2 | | | 2 | | | |
| EQT 108 | LELAN/F301 | | | | 1 | | 1 | 2 | 2 | | | | | | | | | | | 2 | | | 2 | | | |
| EQT 115 | WHLA/F150 | | | | 1 | | 1 | 2 | 2 | | | | | | | | | | | 2 | | | 2 | | | |
| EQT 109 | LELAS/F3 | | | | 1 | | 1 | 2 | 2 | | | | | | | | | | | 1 | | | 2 | | | |
| EQT 110 | LELAS/F4 | | | | 1 | | 1 | 2 | 2 | | | | | | | | | | | 2 | | | 2 | | | |
| FUG 05 | SPEC/FUG | | | | | | | | | | | 1 | | | 1 | | | | | | | | 1 | | | |
| EQT 111 | SPEC/LOADING | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| EQT 114 | SPEC/WW | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| EQT 174 | WCPLX/TK0046 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 175 | WCPLX/TK0047 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

**X. Applicable Louisiana and Federal Air Quality Requirements**

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5▲ | 917 | 919 | 1101 | 1305 | 1313 | 1503 | 1511 | 2103 | 2107 | 2111 | 2113 | 2115 | 2122 | 2139 | 2141 | 2151 | 2153 | 2201 | 2901 | 5107 | 5109 | 5151 | 56 | 59 |
| EQT 193 | WCPLX/TK0315 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 248 | WCPLX/TK0629 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 296 | WCPLX/TK0931 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 297 | WCPLX/TK0932 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 298 | WCPLX/TK0933 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 299 | WCPLX/TK0935 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 300 | WCPLX/TK0936 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 301 | WCPLX/TK0937 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 302 | WCPLX/TK0938 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 303 | WCPLX/TK0939 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 304 | WCPLX/TK0940 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 305 | WCPLX/TK0941 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 306 | WCPLX/TK0942 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 307 | WCPLX/TK0943 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 308 | WCPLX/TK0944 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 309 | WCPLX/TK5309 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 310 | WCPLX/TK5310 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 311 | WCPLX/TK5311 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 312 | WCPLX/TK5312 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## X. Applicable Louisiana and Federal Air Quality Requirements

| ID No.: | Description | LAC 33:III.Chapter | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5▲ | 917 | 919 | 1101 | 1305 | 1313 | 1503 | 1511 | 2103 | 2107 | 2111 | 2113 | 2115 | 2122 | 2139 | 2141 | 2151 | 2153 | 2201 | 2901 | 5107 | 5109 | 5151 | 56 | 59 |
| EQT 313 | WCPLX/TK5313 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |
| EQT 314 | WCPLX/TK5314 | | | | | | | | | 3 | | | | | | | | | | | | | 3 | | | |

* 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 that 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 that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, 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.

LDEQ-EDMS Document 44253281, Page 19 of 311

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

| ID No.: | Description | 40 CFR 60 | | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | | 40 CFR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | J | K | Ka | Kb | GGG | QQQ | A | J | M | V | Y | FF | A | B | Q | Y | CC | EEEE | GGGGG | 64 | 68 | 82 |
| UNF 01 | Facility | | | | | | | 3 | 1 | | 1 | | | 1 | 1 | 3 | | | | 3 | 1 | 3 | 1 | 1 |
| EQT 100 | KDLA/CT-22 | | | | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 104 | LELA/CT-34E | | | | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 105 | LELA/CT-34W | | | | | | | | | | | | | | | | 3 | | | | | | | |
| EQT 101 | KDLA/D402 | | | | | | | | | | | | | | | | | | 2 | | | 3 | | |
| EQT 102 | KDLA/F425 | 1 | 1 | | | | | | | | | | | | | | | | | | | 3 | | |
| EQT 106 | LELAE/F1 | 1 | 1 | | | | | | | | | | | | | | | | | | | 3 | | |
| EQT 103 | KDLA/F451 | 1 | 1 | | | | | | | | | | | | | | | | | | | 3 | | |
| EQT 158 | KDLA/TK0334 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 159 | KDLA/TK0537 (Normal) | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 704 | KDLA/TK0537 (ALTSC1) | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 160 | KDLA/TK0538 (Normal) | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 705 | KDLA/TK0538 (ALTSC1) | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 164 | LELA/TK0119 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 165 | LELA/TK0129 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 166 | LELA/TK0529 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 169 | LELA/TK0532 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 170 | LELA/TK0533 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 172 | WCPLX/TK0027 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |

LDEQ-EDMS Document 44253281, Page 20 of 311

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

| ID No.: | Description | 40 CFR 60 | | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | | 40 CFR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | J | K | Ka | Kb | GGG | QQQ | A | J | M | V | Y | FF | A | B | Q | Y | CC | EEEE | GGGGG | 64 | 68 | 82 |
| EQT 173 | WCPLX/TK0040 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 176 | WCPLX/TK0049 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 177 | WCPLX/TK0050 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 178 | WCPLX/TK0150 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 179 | WCPLX/TK0237 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 180 | WCPLX/TK0302 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 181 | WCPLX/TK0303 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 182 | WCPLX/TK0304 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 183 | WCPLX/TK0305 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 184 | WCPLX/TK0306 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 185 | WCPLX/TK0307 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 186 | WCPLX/TK0308 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 187 | WCPLX/TK0309 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 188 | WCPLX/TK0310 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 189 | WCPLX/TK0311 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 190 | WCPLX/TK0312 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 191 | WCPLX/TK0313 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 192 | WCPLX/TK0314 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 194 | WCPLX/TK0321 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 195 | WCPLX/TK0322 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 196 | WCPLX/TK0323 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |

LDEQ-EDMS Document 44253281, Page 21 of 311

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

| ID No.: | Description | 40 CFR 60 | | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | | 40 CFR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | J | K | Ka | Kb | GGG | QQQ | A | J | M | V | Y | FF | A | B | Q | Y | CC | EEEE | GGGGG | 64 | 68 | 82 |
| EQT 197 | WCPLX/TK0324 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 198 | WCPLX/TK0325 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 199 | WCPLX/TK0326 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 200 | WCPLX/TK0327 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 201 | WCPLX/TK0328 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 202 | WCPLX/TK0329 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 203 | WCPLX/TK0332 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 204 | WCPLX/TK0339 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 205 | WCPLX/TK0340 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 206 | WCPLX/TK0341 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 207 | WCPLX/TK0342 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 208 | WCPLX/TK0345 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 209 | WCPLX/TK0346 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 210 | WCPLX/TK0348 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 211 | WCPLX/TK0349 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 212 | WCPLX/TK0354 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 213 | WCPLX/TK0373 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 214 | WCPLX/TK0376 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 215 | WCPLX/TK0381 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 216 | WCPLX/TK0382 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 217 | WCPLX/TK0383 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

| ID No.: | Description | 40 CFR 60 | | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | | 40 CFR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | J | K | Ka | Kb | GGG | QQQ | A | J | M | V | Y | FF | A | B | Q | Y | CC | EEEE | GGGGG | 64 | 68 | 82 |
| EQT 218 | WCPLX/TK0434 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 219 | WCPLX/TK0440 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 220 | WCPLX/TK0441 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 221 | WCPLX/TK0442 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 222 | WCPLX/TK0443 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 223 | WCPLX/TK0448 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 224 | WCPLX/TK0449 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 225 | WCPLX/TK0534 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 226 | WCPLX/TK0560 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 227 | WCPLX/TK0561 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 228 | WCPLX/TK0562 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 229 | WCPLX/TK0567 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 230 | WCPLX/TK0568 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 231 | WCPLX/TK0569 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 233 | WCPLX/TK0576 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 234 | WCPLX/TK0583 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 235 | WCPLX/TK0584 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 236 | WCPLX/TK0586 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 237 | WCPLX/TK0591 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 238 | WCPLX/TK0592 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 239 | WCPLX/TK0593 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |

LDEQ-EDMS Document 44253281, Page 23 of 311

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

| ID No.: | Description | 40 CFR 60 | | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | | 40 CFR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | J | K | Ka | Kb | GGG | QQQ | A | J | M | V | Y | FF | A | B | Q | Y | CC | EEEE | GGGGG | 64 | 68 | 82 |
| EQT 240 | WCPLX/TK0594 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 241 | WCPLX/TK0595 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 242 | WCPLX/TK0596 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 243 | WCPLX/TK0597 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 244 | WCPLX/TK0598 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 245 | WCPLX/TK0600 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 246 | WCPLX/TK0620 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 247 | WCPLX/TK0624 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 248 | WCPLX/TK0629 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 249 | WCPLX/TK0632 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 250 | WCPLX/TK0633 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 251 | WCPLX/TK0634 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 252 | WCPLX/TK0635 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 256 | WCPLX/TK0639 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 257 | WCPLX/TK0640 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 258 | WCPLX/TK0642 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 259 | WCPLX/TK0643 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 260 | WCPLX/TK0644 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 261 | WCPLX/TK0646 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 262 | WCPLX/TK0647 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 263 | WCPLX/TK0651 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

| ID No.: | Description | 40 CFR 60 | | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | | 40 CFR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | J | K | Ka | Kb | GGG | QQQ | A | J | M | V | Y | FF | A | B | Q | Y | CC | EEEE | GGGGG | 64 | 68 | 82 |
| EQT 264 | WCPLX/TK0652 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 266 | WCPLX/TK0662 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 267 | WCPLX/TK0663 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 268 | WCPLX/TK0679 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 269 | WCPLX/TK0685 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 270 | WCPLX/TK0686 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 271 | WCPLX/TK0687 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 272 | WCPLX/TK0688 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 273 | WCPLX/TK0689 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 274 | WCPLX/TK0690 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 275 | WCPLX/TK0691 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 276 | WCPLX/TK0692 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 277 | WCPLX/TK0693 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 278 | WCPLX/TK0694 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 279 | WCPLX/TK0699 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 281 | WCPLX/TK0707 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 282 | WCPLX/TK0709 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 283 | WCPLX/TK0711 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 284 | WCPLX/TK0712 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 285 | WCPLX/TK0713 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 286 | WCPLX/TK0714 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |

LDEQ-EDMS Document 44253281, Page 25 of 311

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

| ID No.: | Description | 40 CFR 60 | | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | | 40 CFR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | J | K | Ka | Kb | GGG | QQQ | A | J | M | V | Y | FF | A | B | Q | Y | CC | EEEE | GGGGG | 64 | 68 | 82 |
| EQT 287 | WCPLX/TK0715 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 288 | WCPLX/TK0716 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 289 | WCPLX/TK0717 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 290 | WCPLX/TK0718 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 291 | WCPLX/TK0800 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 292 | WCPLX/TK0803 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 293 | WCPLX/TK0806 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 295 | WCPLX/TK0812 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 161 | KDLA/TK0705 (Normal) | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| SCN01 | KDLA/TK0705 (ALTSC1) | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 162 | KDLA/TK0838 (Normal) | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| SCN02 | KDLA/TK0838 (ALTSC1) | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 167 | LELA/TK0530 | | | 2 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 168 | LELA/TK0531 | | | 3 | 3 | 3 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 171 | LELAN/F1NX | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| EQT 108 | LELAN/F301 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| EQT 115 | WHLA/F150 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| EQT 109 | LELAS/F3 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| EQT 110 | LELAS/F4 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |

LDEQ-EDMS Document 44253281, Page 26 of 311

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

| ID No.: | Description | 40 CFR 60 | | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | | 40 CFR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | J | K | Ka | Kb | GGG | QQQ | A | J | M | V | Y | FF | A | B | Q | Y | CC | EEEE | GGGGG | 64 | 68 | 82 |
| FUG 05 | SPEC/FUG | 1 | | | | | 1 | | | 2 | | 3 | | | | | | | 1 | | | | | |
| EQT 111 | SPEC/LOADING | | | | | | | | | | | | | | | | | 3 | 3 | 3 | | | | |
| EQT 114 | SPEC/WW | | | | | | | 3 | | | | | | 1 | | | | | 3 | | | | | |
| EQT 174 | WCPLX/TK0046 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 175 | WCPLX/TK0047 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 193 | WCPLX/TK0315 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 296 | WCPLX/TK0931 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 297 | WCPLX/TK0932 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 298 | WCPLX/TK0933 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 299 | WCPLX/TK0935 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 300 | WCPLX/TK0936 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 301 | WCPLX/TK0937 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 302 | WCPLX/TK0938 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 303 | WCPLX/TK0939 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 304 | WCPLX/TK0940 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 305 | WCPLX/TK0941 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 306 | WCPLX/TK0942 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 307 | WCPLX/TK0943 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 308 | WCPLX/TK0944 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 309 | WCPLX/TK5309 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 310 | WCPLX/TK5310 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

| ID No.: | Description | 40 CFR 60 | | | | | | | 40 CFR 61 | | | | | | 40 CFR 63 | | | | | | | 40 CFR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | J | K | Ka | Kb | GGG | QQQ | A | J | M | V | Y | FF | A | B | Q | Y | CC | EEEE | GGGGG | 64 | 68 | 82 |
| EQT 311 | WCPLX/TK5311 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 312 | WCPLX/TK5312 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 313 | WCPLX/TK5313 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |
| EQT 314 | WCPLX/TK5314 | | | 3 | 3 | 2 | | | | | | | 3 | 3 | | | | | 1 | | | | | |

**KEY TO MATRIX**

1 -The regulations have applicable requirements that 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 that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, 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.

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

| ID No.: | Applicable Requirement | Compliance Method/Provision | Notes |
|---|---|---|---|
| UNF 01<br>Entire Facility | Control of Organic Compounds – Limiting VOC Emissions from Industrial Wastewater<br>LAC 33:III.2153.A | DOES NOT APPLY – This regulation does not apply to Petroleum Refineries | |
| | NSPS Subpart QQQ – Standards of Performance for VOC Emissions From Petroleum Refinery Wastewater Systems<br>40 CFR 60.690(a) | DOES NOT APPLY – The provisions of this subpart only apply to affected facilities for which construction, modification, or reconstruction is commenced after May 4, 1987 | |
| | NESHAP for Source Categories Subpart B – Requirements for Control Technology Determinations for Major Sources in Accordance With Clean Air Act Sections 112(g) and 112(j)<br>40 CFR 63.40 and 63.43(a) | DOES NOT APPLY – The requirements of this subpart that implement Section 112(g) of the CAA, applies to the construction or reconstruction of new process or production units which emit or have the potential to emit ≥10 TPY of any HAP or ≥ 25 TPY of any combination of HAPs. | No such construction or reconstruction is included in this permit. |
| | Compliance Assurance Monitoring for Major Stationary Sources<br>40 CFR 64.2(a) | DOES NOT APPLY – A pollutant-specific emissions unit that does not use a control device to achieve compliance with an emission limitation or standard and/or does not have potential pre-control device emission required to be classified as a major source is not subject to the provisions of this rule. | Emission units are not equipped with a control device to achieve compliance with an emission limitation or standard or emit less than 100 percent of the major source thresholds. |
| | NESHAP for Source Categories Subpart EEEE – Organic Liquids Distribution (Non-Gasoline)<br>40 CFR 63.2330(a) | DOES NOT APPLY – There are no sources in this permit that are currently subject to the Organic Liquids Distribution (OLD) MACT. | |
| KDLA/CT-22<br>LELA/CT34 E<br>LELA/CT34 W<br>Cooling Towers | NESHAP for Source Categories Subpart Q – Cooling Towers<br>40 CFR 63.400(a) | DOES NOT APPLY – Subpart only applies to industrial process cooling towers that are operated with chromium-based water treatment chemicals | Cooling tower water treatment chemicals do not contain chromium or chromium compounds. |
| KDLA/D402 Condensable Blowdown Drum | Control of Organic Compounds – Waste Gas Disposal<br>LAC 33:III.2115.H.1.c | EXEMPT – Waste gas streams with a combined weight of VOC < 100 lb/24 hr period (45.4 kg/day) are exempt. | Waste Gas Stream has combined weight of VOCs < 100 lbs/24-hr period. |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

| ID No.: | Applicable Requirement | Compliance Method/Provision | Notes |
|---|---|---|---|
| | Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.5109.A | DOES NOT APPLY – MACT is not required for sources which do not emit Class I or Class II toxic air pollutants at a rate ≥ the minimum emission rate. | Source does not emit Class I or Class II toxic air pollutants. |
| | NESHAP for Source Categories Subpart CC – Petroleum Refineries, Miscellaneous Process Vents 40 CFR 640 | EXEMPT FROM CONTROL – Miscellaneous process vents having an organic HAP concentration of less than 20 ppmv and/or VOC emissions less than 33 kg/day (Group 2) are subject to only recordkeeping requirements. | Group 2 process vent; VOC emissions < 33 kg/day. |
| | Compliance Assurance Monitoring for Major Stationary Sources 40 CFR 64.2(a) | DOES NOT APPLY – A pollutant-specific emissions unit that does not use a control device to achieve compliance with an emission limitation or standard and/or does not have potential pre-control device emission required to be classified as a major source is not subject to the provisions of this rule. | Emissions unit is not subject to an emission limitation or standard as defined in Part 64. |
| KDLA/F425 LELAE/F1 LELAS/F3 KDLA/F451 Furnaces | Emission Standard for Sulfur Dioxide Emission Limitations LAC 33:III.1503.C | EXEMPT – Units emitting < 250 tpy $SO_2$ are exempt. | Unit emits < 250 tpy of $SO_2$. |
| | Emission Standard for Sulfur Dioxide, CEM Requirements LAC 33:III.1511.A | EXEMPT – CEM is not required for flares and sources emitting < 100 tpy of $SO_2$. | Source emits < 100 tpy of $SO_2$. |
| | Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.5105.B.3.a | EXEMPT – Emissions from the combustion of Group 1 virgin fossil fuels are exempt from the requirements of Chapter 51 Subchapter A | MACT is not required. These furnaces combust natural gas and refinery fuel gas, which meet the definition of Group 1 virgin fossil fuel. |
| KDLA/TK0334 KDLA/TK0537(Normal) KDLA/TK0538(Normal) LELA/TK0119 LELA/TK0129 LELA/TK0529 LELA/TK0532 LELA/TK0533 WCPLX/TK0027 WCPLX/TK0040 WCPLX/TK0049 WCPLX/TK0050 WCPLX/TK0150 WCPLX/TK0237 WCPLX/TK0302 WCPLX/TK0303 (Cont'd) | Control of Organic Compounds – Storage of Volatile Organic Compounds LAC 33:III.2103 | DOES NOT APPLY – The provisions of this section are not applicable to storage vessels storing VOC with a maximum TVP < 1.5 psia. | The TVP of the material stored is < 1.5 psia at storage conditions. |
| | Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.5109.A | DOES NOT APPLY – MACT is not required for a source which does not emit Class I or Class II toxic air pollutants | |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

## XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

| ID No.: | Applicable Requirement | Compliance Method/Provision | Notes |
|---|---|---|---|
| WCPLX/TK0304 WCPLX/TK0305 WCPLX/TK0306 WCPLX/TK0307 WCPLX/TK0308 WCPLX/TK0309 WCPLX/TK0310 WCPLX/TK0311 WCPLX/TK0312 WCPLX/TK0313 WCPLX/TK0314 WCPLX/TK0321 WCPLX/TK0322 WCPLX/TK0323 WCPLX/TK0324 WCPLX/TK0325 WCPLX/TK0326 WCPLX/TK0327 WCPLX/TK0328 WCPLX/TK0329 WCPLX/TK0332 WCPLX/TK0339 WCPLX/TK0340 WCPLX/TK0341 WCPLX/TK0342 WCPLX/TK0345 WCPLX/TK0346 WCPLX/TK0348 WCPLX/TK0349 WCPLX/TK0354 WCPLX/TK0373 WCPLX/TK0376 WCPLX/TK0381 WCPLX/TK0382 WCPLX/TK0383 WCPLX/TK0434 WCPLX/TK0440 WCPLX/TK0441 WCPLX/TK0442 WCPLX/TK0449 WCPLX/TK0534 WCPLX/TK0560 WCPLX/TK0561 WCPLX/TK0567 WCPLX/TK0568 WCPLX/TK0569 WCPLX/TK0576 WCPLX/TK0583 WCPLX/TK0584 WCPLX/TK0586 WCPLX/TK0591 WCPLX/TK0592 WCPLX/TK0593 WCPLX/TK0594 WCPLX/TK0595 WCPLX/TK0596 WCPLX/TK0597 WCPLX/TK0598 WCPLX/TK0600 WCPLX/TK0620 WCPLX/TK0624 WCPLX/TK0632 WCPLX/TK0633 WCPLX/TK0634 WCPLX/TK0635 WCPLX/TK0803 WCPLX/TK0812 WCPLX/TK0800 WCPLX/TK0639 WCPLX/TK0640 WCPLX/TK0642 WCPLX/TK0643 WCPLX/TK0644 WCPLX/TK0646 WCPLX/TK0647 WCPLX/TK0651 WCPLX/TK0652 WCPLX/TK0718 WCPLX/TK0662 WCPLX/TK0663 WCPLX/TK0679 WCPLX/TK0685 WCPLX/TK0686 WCPLX/TK0687 WCPLX/TK0688 WCPLX/TK0689 WCPLX/TK0690 WCPLX/TK0691 WCPLX/TK0692 WCPLX/TK0693 WCPLX/TK0694 WCPLX/TK0699 WCPLX/TK0717 WCPLX/TK0707 WCPLX/TK0709 WCPLX/TK0711 WCPLX/TK0712 WCPLX/TK0713 WCPLX/TK0714 WCPLX/TK0715 WCPLX/TK0716 Storages | NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110 | DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. | Storage vessel does not store petroleum liquid, was not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons. |
| | NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a | DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. | Storage vessel does not store petroleum liquid, was not modified between May 18, 1978 and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons. |
| | NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b | DOES NOT APPLY – The provisions of this subpart apply only to volatile organic liquid storage vessels for which construction, reconstruction, or modification commenced after July 23, 1984. | Storage vessel does not store volatile organic liquid and/or has not been modified after July 23, 1984. |
| | NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels 40 CFR 61.270(a) | DOES NOT APPLY – Source is not subject to the provisions of any standard of this part. | Storage vessel does not store benzene. |
| | NESHAP Subpart FF – Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340 | DOES NOT APPLY – The provisions of this subpart apply only to waste management units. | Storage vessel does not contain waste materials. |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

| ID No.: | Applicable Requirement | Compliance Method/Provision | Notes |
|---|---|---|---|
| KDLA/TK0705(Normal)<br>KDLA/TK0705(ALTSC1)<br>KDAL/TK0838(Normal)<br>KDAL/TK0838(ALTSC1)<br>KDLA/TK0537(ALTSC1)<br>KDLA/TK0538(ALTSC1)<br>Storage Vessels | NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids<br>40 CFR 60.110 | DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. | Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons. |
| | NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids<br>40 CFR 60.110a | DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. | Storage vessels do not store petroleum liquid, were not modified between May 18, 1978 and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons. |
| | NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels<br>40 CFR 60.110b | DOES NOT APPLY – The provisions of this subpart apply only to volatile organic liquid storage vessels for which construction, reconstruction, or modification commenced after July 23, 1984. | Storage vessels do not store volatile organic liquid and/or have not been modified after July 23, 1984. |
| | NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels<br>40 CFR 61.270(a) | DOES NOT APPLY – Sources are not subject to the provisions of any standard of this part. | Storage vessels do not store benzene. |
| | NESHAP Subpart FF – Benzene Waste Operations, Storage Vessel Provisions<br>40 CFR 61.340 | DOES NOT APPLY – The provisions of this subpart apply only to waste management units. | Storage vessels do not contain waste materials. |
| LELA/TK0530<br>Storage Vessel | Control of Organic Compounds – Storage of Volatile Organic Compounds<br>LAC 33:III.2103 | DOES NOT APPLY – Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4. | The TVP of the material stored is < 1.5 psia at storage conditions. |
| | Comprehensive Toxic Air Pollutant Emission Control Program<br>LAC 33:III.5109.A | DOES NOT APPLY – MACT is not required for sources which do not emit Class I or Class II toxic air pollutants. | Source does not emit Class I or Class II toxic air pollutants. |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

| ID No.: | Applicable Requirement | Compliance Method/Provision | Notes |
|---|---|---|---|
| | NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids<br>40 CFR 60.110 | EXEMPT – Storage vessel exempt from the control and recording requirements of Subpart K, is required to comply only with 40 CFR 63 Subpart CC. | The tank was constructed/modified or reconstructed between June 11, 1973 and May 18, 1978 and has true vapor pressure 0.017 psia. The tank is Group 2 vessel under 40 CFR 60 Subpart CC. |
| | NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids<br>40 CFR 60.110a | DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. | Storage vessel does not store petroleum liquid, was not modified between May 18, 1978 and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons. |
| | NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels<br>40 CFR 60.110b | DOES NOT APPLY – The provisions of this subpart apply only to volatile organic liquid storage vessels for which construction, reconstruction, or modification commenced after July 23, 1984. | Storage vessel does not store volatile organic liquid and/or has not been modified after July 23, 1984. |
| | NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels<br>40 CFR 61.270(a) | DOES NOT APPLY – Source is not subject to the provisions of any standard of this part. | Storage vessel does not store benzene. |
| | NESHAP Subpart FF – Benzene Waste Operations, Storage Vessel Provisions<br>40 CFR 61.340 | DOES NOT APPLY – The provisions of this subpart apply only to waste management units. | Storage vessel does not contain waste materials. |
| LELA/TK0531<br>WCPLX/TK806<br>Storage Vessel | Control of Organic Compounds – Storage of Volatile Organic Compounds<br>LAC 33:III.2103 | DOES NOT APPLY – Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4. | The TVP of the material stored is < 1.5 psia at storage conditions. |
| | Comprehensive Toxic Air Pollutant Emission Control Program<br>LAC 33:III.5109.A | DOES NOT APPLY – MACT is not required for sources which do not emit Class I or Class II toxic air pollutants. | Source does not emit Class I or Class II toxic air pollutants. |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

| ID No.: | Applicable Requirement | Compliance Method/Provision | Notes |
|---|---|---|---|
| | NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids<br>40 CFR 60.110 | DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. | Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons. |
| | NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids<br>40 CFR 60.110a | DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. | Storage vessel does not store petroleum liquid, was not modified between May 18, 1978 and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons. |
| | NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels<br>40 CFR 60.110b | DOES NOT APPLY – Storage vessels do not meet capacity and/or TVP applicability criteria. | Storage vessel was reconstructed after July 23, 1984 bur the liquid stored in the vessel has TVP less than 0.5 psia. |
| | NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels<br>40 CFR 61.270(a) | DOES NOT APPLY – Source is not subject to the provisions of any standard of this part. | Storage vessel does not store benzene. |
| | NESHAP Subpart FF – Benzene Waste Operations, Storage Vessel Provisions<br>40 CFR 61.340 | DOES NOT APPLY – The provisions of this subpart apply only to waste management units. | Storage vessel does not contain waste materials. |
| LELAN/F1NX<br>LELAN/F301<br>WHLA/F150<br>LELAS/F4<br>Furnaces | Emission Standard for Sulfur Dioxide Emission Limitations<br>LAC 33:III.1503.C | EXEMPT – Units emitting < 250 tpy $SO_2$ are exempt. | Each unit emits < 250 tpy $SO_2$. |
| | Emission Standard for Sulfur Dioxide, CEM Requirements<br>LAC 33:III.1511.D | EXEMPT – CEM is not required for flares and sources emitting < 100 tpy of $SO_2$. | Each source emits < 100 tpy of $SO_2$. |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

| ID No.: | Applicable Requirement | Compliance Method/Provision | Notes |
|---|---|---|---|
| | Control of Emissions of Nitrogen Oxides – Affected Facilities in the Baton Rouge Nonattainment Area and the Region of Influence LAC 33:III.2201.C.1 | EXEMPT – Boilers and process heaters/furnaces with a maximum rated capacity of < 40 MM Btu/hr in Baton Rouge Nonattainment Area are exempt from the provisions of Chapter 22. | Each furnace has a maximum rated capacity of <40 MM Btu/hr in Baton Rouge Nonattainment Area. |
| | Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.5105.B.3.a | EXEMPT – Emissions from the combustion of Group 1 virgin fossil fuels are exempt from the requirements of Chapter 51 Subchapter A | MACT is not required. These furnaces combust natural gas and refinery fuel gas, which meet the definition of Group 1 virgin fossil fuel. |
| SPEC/FUG Complex Fugitives | NESHAP Subpart J – National Emission Standard for Equipment Leaks of Benzene 40 CFR 61.110(c)(3) | EXEMPT – Complex does not have streams that contain ≥ 10% by weight benzene. | |
| | NESHAP Subpart V – National Emission Standard for Equipment Leaks of VHAP 40 CFR 61.240(a) | DOES NOT APPLY – Complex does not have streams that contain ≥ 10% by weight VHAP. | |
| SPEC/LOADING Complex Loading Operations | Control of Organic Compounds – Volatile Organic Compounds – Loading LAC 33:III.2107.A | DOES NOT APPLY – Loading facilities of VOCs having a TVP < 1.5 psia are not subject to the provisions of this section. | The TVP of the material loaded is < 1.5 psia at loading conditions. |
| | NESHAP for Source Categories Subpart CC – Petroleum Refineries, Marine Tank Vessel Loading Operations 40 CFR 63.651 | DOES NOT APPLY – Petroleum refining process units and related emission points that do not emit or have equipment containing or contacting one or more of the HAPs are not subject to the provisions of this subpart. | Source does not emit HAPs. |
| | NESHAP for Source Categories Subpart Y – Marine Tank Vessel Tank Loading Operations 40 CFR 63.560(a) | DOES NOT APPLY – MACT standards apply to loading operations with aggregate emissions ≥ 10 tons of any HAP or ≥ 25 tons of all HAPs. | Source does not emit HAPs. |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

| XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE | | | |
|---|---|---|---|
| ID No.: | Applicable Requirement | Compliance Method/Provision | Notes |
| | NESHAP for Source Categories Subpart EEEE: Organic Liquids Distribution (Non-Gasoline) 40 CFR 63 Subpart EEEE | DOES NOT APPLY - The Organic Liquids Distribution (OLD) MACT applies to distribution operations of organic liquids defined as any non-gasoline liquid or liquid mixture that contains = or > 5% by of organic HAP. | Specialties Complex products do not meet the definition of organic liquid in the rule. |
| SPEC/WW Specialties Complex Catch Basins and Sewer Vents | NSPS Subpart QQQ – Standards of Performance for VOC Emissions From Petroleum Refinery Wastewater Systems 40 CFR 60.690(a) | DOES NOT APPLY – The provisions of this subpart only apply to affected facilities for which construction, modification, or reconstruction commenced after May 4, 1987. | |
| | NESHAP for Source Categories Subpart CC – Petroleum Refineries, Wastewater Provisions 40 CFR 63.647(a) | DOES NOT APPLY – Wastewater streams having a benzene concentration of less than 10 ppmw (Group 2) are not regulated by this subpart. | All wastewater streams in the Specialties Complex are Group 2. |
| WCPLX/TK0046 WCPLX/TK0047 WCPLX/TK0315 WCPLX/TK0443 WCPLX/TK0448 WCPLX/TK0562 WCPLX/TK0629 WCPLX/TK0931 WCPLX/TK0932 WCPLX/TK0933 WCPLX/TK0935 WCPLX/TK0936 WCPLX/TK0937 WCPLX/TK0938 WCPLX/TK0939 WCPLX/TK0940 WCPLX/TK0941 (Cont'd) WCPLX/TK0942 WCPLX/TK0943 WCPLX/TK0944 WCPLX/TK5309 WCPLX/TK5310 WCPLX/TK5311 WCPLX/TK5312 WCPLX/TK5313 WCPLX/TK5314 Storage Vessels | Control of Organic Compounds – Storage of Volatile Organic Compounds LAC 33:III.2103 | DOES NOT APPLY – Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except for LAC 33:III.2103.H.3 and I.4. | The TVP of the material stored is < 1.5 psia at storage conditions. |
| | Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.5109.A | DOES NOT APPLY – MACT is not required for sources which do not emit Class I or Class II toxic air pollutants at a rate ≥ the minimum emission rate. | Sources do not emit Clas I or Class II toxic air pollutants |
| | NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110 | DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. | Storage vessels do not store petroleum liquid, were not modified between June 11, 1973 and May 18, 1978, and/or does not have a capacity greater than 40,000 gallons. |
| | NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a | DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. | Storage vessels do not store petroleum liquid, were not modified between May 18, 1978 and July 23, 1984, and/or does not have a capacity greater than 40,000 gallons. |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

## XI. EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

| ID No.: | Applicable Requirement | Compliance Method/Provision | Notes |
|---|---|---|---|
| | NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels<br>40 CFR 60.110b(b) & (c) | EXEMPT – Storage vessels which do not meet capacity and/or TVP applicability criteria are exempt from the control requirements. Recordkeeping requirements apply. | Storage vessels are exempt from control requirements; recordkeeping requirements apply. |
| | NESHAP Subpart Y – Benzene Emissions from Benzene Storage Vessels<br>40 CFR 61.270(a) | DOES NOT APPLY – Source is not subject to the provisions of any standard of this part. | Storage vessel does not store benzene. |
| | NESHAP Subpart FF – Benzene Waste Operations, Storage Vessel Provisions<br>40 CFR 61.340 | DOES NOT APPLY – The provisions of this subpart apply only to waste management units. | Storage vessel does not contain waste materials. |

# APPENDIX A
## PART 70 PERMIT SPECIFIC CONDITIONS
## ExxonMobil Refining & Supply Company - Baton Rouge Refinery
## Agency Interest No.: 2638
## Baton Rouge, East Baton Rouge Parish, Louisiana

1) Permittee shall comply with a streamlined equipment leaks monitoring program. Compliance with the streamlined program in accordance with this specific condition shall serve to comply with each of the 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) 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.

| Unit | Program Being Streamlined | Stream Applicability | Overall Most Stringent Program |
|---|---|---|---|
| FUG0005 SPEC/FUG | LA Refinery MACT | 5% VOTAP | LA Refinery MACT in the manner* agreed to be ExxonMobil in its approved Air Toxic Compliance Plan approved April 18, 1996, per Source Notice and Agreement dated October 14, 1996. |
| | LAC 33:III.2122 | 10% VOC | |
| | 40 CFR 63 Subpart CC - modified HON option | 5% VOHAP | |
| | 40 CFR 60 Subpart GGG | 10% VOC | |

*In lieu of the requirement to monitor connectors (that have been opened or had the seal broken) during the next scheduled monitoring period, connector tightness testing is currently performed prior to equipment startup. Tightness testing may consist of nitrogen pressure test, hydro testing or high pressure steam. Tightness is verified by instrumentation or observation.

# APPENDIX B
## LOUISIANA AIR EMISSIONS PERMIT SPECIFIC CONDITIONS
**ExxonMobil Refining & Supply Company - Baton Rouge Refinery**
**Agency Interest No.: 2638**
**Baton Rouge, East Baton Rouge Parish, Louisiana**

1) Fugitive emissions of VOC shall be controlled by a monitoring program conforming to the LA Refinery MACT. The number of each type of component required to be monitored for each monitoring period under the applicable leak definition and repair programs shall be reported to the Department 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 increases except form the fugitive emission components themselves;
    b. The changes do not involve any associated increase in production rate or capacity;
    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 detection and repair program.

2) Permittee is authorized to reconstruct tanks not currently subject to NSPS Subpart Kb. Permittee shall meet all control, notification, recordkeeping and reporting provisions of the subpart. Changes in regulatory applicability and emission rates shall be reflected in the next full permit revision.

LDEQ-EDMS Document 44253281, Page 39 of 311

# General Information

**AI ID: 2638 ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

**Also Known As:**

| ID | Name | User Group | Start Date |
|---|---|---|---|
| 0840-00015 | ExxonMobil Refining & Supply Co - Baton Rouge Refinery | CDS Number | 11-28-2000 |
| 13-5409005 | Federal Tax ID | Federal Tax ID | 11-20-1999 |
| LAD062662887 | Exxon Co USA - Baton Rouge Refinery | Hazardous Waste Notification | 11-19-1980 |
| PC/CA | GPRA Baselines | Hazardous Waste Permitting | 10-01-1997 |
| 00333 | Baton Rouge Refinery | Inactive & Abandoned Sites | 02-21-1980 |
| LAD062662887 | Exxon Co USA - Baton Rouge Refinery | Inactive & Abandoned Sites | 02-21-1980 |
| LA0005584 | LPDES # | LPDES Permit # | 06-25-2003 |
| LAR05N757 | LPDES # | LPDES Permit # | 10-12-2006 |
| WP0592 | LWDPS # | LWDPS Permit # | 06-25-2003 |
| | Priority 1 Emergency Site | Priority 1 Emergency Site | 07-18-2006 |
| 1345 | X-Ray Registration Number | Radiation X-ray Registration Number | 11-21-1999 |
| D-033-9777 | Exxon Co USA | Solid Waste | 01-08-2002 |
| G-033-5407 | SW ID # | Solid Waste Facility No. | 11-21-1999 |
| GD-033-0596 | SW ID# | Solid Waste Facility No. | 04-30-2001 |
| 0840A0210 | Stage II Vapor Recovery | Stage II Vapor Recovery | 08-19-2002 |
| 100178 | Humble Oil & Refining Co | TEMPO Merge | 11-10-2002 |
| 34448 | ExxonMobil Refining & Supply Co | TEMPO Merge | 07-11-2001 |
| 44847 | Exxon Co USA - Baton Rouge Refinery | TEMPO Merge | 07-15-2001 |
| 47223 | Exxon Co USA - Baton Rouge Refinery | TEMPO Merge | 07-15-2001 |
| 70805XXNBT4050S | TRI # | Toxic Release Inventory | 07-12-2004 |
| 1218 | UST Case History Case Number | UST Case Number | 11-21-1999 |
| 1751 | UST Case History Case Number | UST Case Number | 11-21-1999 |
| 743 | UST Case History Case Number | UST Case Number | 11-21-1999 |
| 17004239 | UST Facility ID (from UST legacy data) | UST FID # | 10-11-2002 |

**Physical Location:** 4045 Scenic Hwy
Baton Rouge, LA 70805

**Main FAX:** 2259777619
**Main Phone:** 2259777848

**Mailing Address:** PO Box 551
Baton Rouge, LA 708210551

**Location of Front Gate:** 30.491731 latitude, -91.168975 longitude, Coordinate Method: Lat.\Long. - DMS, Coordinate Datum: NAD83

**Related People:**

| Name | Mailing Address | Phone (Type) | Relationship |
|---|---|---|---|
| Richard Cotton | PO Box 551 Baton Rouge, LA 708210551 | 2259778337 (WP) | Underground Storage Tank Contact for |

# General Information

## AI ID: 2638 ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Related People:**

| Name | Mailing Address | Phone (Type) | Relationship |
|---|---|---|---|
| Richard Cotton | PO Box 551 Baton Rouge, LA 708210551 | 2259778337 (WP) | Solid Waste Billing Party for |
| Richard Cotton | PO Box 551 Baton Rouge, LA 708210551 | 2259778337 (WP) | Solid Waste Permit Contact for |
| Richard Cotton | PO Box 551 Baton Rouge, LA 708210551 | 2259778337 (WP) | Water Permit Contact For |
| Stan Labat | PO Box 551 Baton Rouge, LA 708210551 | stan.n.labat@exxonr | Emission Inventory Contact for |
| Stan Labat | PO Box 551 Baton Rouge, LA 708210551 | 2259777226 (WP) | Emission Inventory Contact for |
| Paul D. Leinweber | PO Box 551 Baton Rouge, LA 708210551 | 2259771579 (WF) | Accident Prevention Billing Party for |
| Paul D. Leinweber | PO Box 551 Baton Rouge, LA 708210551 | 2259778873 (WP) | Accident Prevention Billing Party for |
| Paul D. Leinweber | PO Box 551 Baton Rouge, LA 708210551 | 2259771579 (WF) | Accident Prevention Contact for |
| Paul D. Leinweber | PO Box 551 Baton Rouge, LA 708210551 | 2259778873 (WP) | Accident Prevention Contact for |
| Stan Vanderleeuw | PO Box 551 Baton Rouge, LA 708210551 | 2259777848 (WP) | Responsible Official for |
| Ralph C. Willis | 4999 Scenic Hwy Baton Rouge, LA 70805 | 2259778423 (WP) | Radiation Contact For |
| Ralph C. Willis | 4999 Scenic Hwy Baton Rouge, LA 70805 | 2259778423 (WP) | Radiation Registration Billing Party for |

**Related Organizations:**

| Name | Address | Phone (Type) | Relationship |
|---|---|---|---|
| ExxonMobil Corp | PO Box 551 Baton Rouge, LA 708210551 | | Owns |
| ExxonMobil Refining & Supply Co | PO Box 551 Baton Rouge, LA 708210551 | 2259778430 (WP) | Owns |
| ExxonMobil Refining & Supply Co | PO Box 551 Baton Rouge, LA 708210551 | 2259778430 (WP) | Emission Inventory Billing Party |
| ExxonMobil Refining & Supply Co | PO Box 551 Baton Rouge, LA 708210551 | 2259778430 (WP) | Air Billing Party for |
| ExxonMobil Refining & Supply Co | PO Box 551 Baton Rouge, LA 708210551 | 2259778430 (WP) | UST Billing Party for |
| ExxonMobil Refining & Supply Co | PO Box 551 Baton Rouge, LA 708210551 | 2259778430 (WP) | Stage II Vapor Recovery Billing Party for |
| ExxonMobil Refining & Supply Co | PO Box 551 Baton Rouge, LA 708210551 | 2259778430 (WP) | Operates |
| ExxonMobil Refining & Supply Co | PO Box 551 Baton Rouge, LA 708210551 | 2259778430 (WP) | Water Billing Party for |

**NAIC Codes:** 32411, Petroleum Refineries

**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 Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.**

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Subject Item Inventory:**

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|---|---|---|---|---|---|---|
| **Entire Facility** | | | | | | |
| ARE 0007 | SPEC/SOLV - Specialties Complex Solvent Emissions | | | | | (None Specified) |
| EQT 0100 | KDLA/CT-22 - Ketone Dewaxing Cooling Tower #22 | | 57500 gallons/min | 57500 gallons/min | | 8760 hr/yr |
| EQT 0101 | KDLA/D402 - Condensable Blowdown Drum | | | | | 8760 hr/yr |
| EQT 0102 | KDLA/F425 - Ketone Dewaxing F-425 Furnace | | 92 MM BTU/hr | 92 MM BTU/hr | | 8760 hr/yr |
| EQT 0103 | KDLA/F451 - Ketone Dewaxing F-451 Furnace | | 189 MM BTU/hr | 189 MM BTU/hr | | 8760 hr/yr |
| EQT 0104 | LELA/CT-34E - Lube Extraction Cooling Tower #34-E | | 13500 gallons/min | 13500 gallons/min | | 8760 hr/yr |
| EQT 0105 | LELA/CT-34W - Lube Extraction Cooling Tower #34-W | | 6000 gallons/min | 6000 gallons/min | | 8760 hr/yr |
| EQT 0106 | LELAE/F1 - Lube Extraction East F-1 Furnace | | 207 MM BTU/hr | 207 MM BTU/hr | | 8760 hr/yr |
| EQT 0108 | LELAN/F301 - Lube Extraction North F-301 Furnace | | 38 MM BTU/hr | 28 MM BTU/hr | | 8760 hr/yr |
| EQT 0109 | LELAS/F3 - Lube Extraction South F-3 Furnace | | 215 MM BTU/hr | 200 MM BTU/hr | | 8760 hr/yr |
| EQT 0110 | LELAS/F4 - Lube Extraction South F-4 Furnace | | 31 MM BTU/hr | 24 MM BTU/hr | | 8760 hr/yr |
| EQT 0111 | SPEC/LOADING - Specialties Complex Loading Operations | | 4440 bbl/hr | 917 bbl/hr | | 8760 hr/yr |
| EQT 0114 | SPEC/WW - Specialties Complex Catch Basins and Sewer Vents | | | | | 8760 hr/yr |
| EQT 0115 | WHLA/F150 - Wax Hydrofining F-150 Furnace | | 17 MM BTU/hr | 17 MM BTU/hr | | 8760 hr/yr |
| EQT 0158 | KDLA/TK0334 - Tank | 473 bbl | | | | 8760 hr/yr |
| EQT 0159 | KDLA/TK0537(Normal) - Tank | 8064 bbl | | | | 8760 hr/yr |
| EQT 0160 | KDLA/TK0538(Normal) - Tank | 8064 bbl | | | | 8760 hr/yr |
| EQT 0161 | KDLA/TK0705(Normal) - Tank | 3777 bbl | | | | 1680 hr/yr |
| EQT 0162 | KDLA/TK0838(Normal) - Tank | 3777 bbl | | | | 1680 hr/yr |
| EQT 0164 | LELA/TK0119 - Tank | 2188 bbl | | | | 8760 hr/yr |
| EQT 0165 | LELA/TK0129 - Tank | 2188 bbl | | | | 8760 hr/yr |
| EQT 0166 | LELA/TK0529 - Tank | 6860 bbl | | | | 8760 hr/yr |
| EQT 0167 | LELA/TK0530 - Tank | 11854 bbl | | | | 8760 hr/yr |
| EQT 0168 | LELA/TK0531 - Tank | 6860 bbl | | | | 8760 hr/yr |
| EQT 0169 | LELA/TK0532 - Tank | 6860 bbl | | | | 8760 hr/yr |
| EQT 0170 | LELA/TK0533 - Tank | 6854 bbl | | | | 8760 hr/yr |
| EQT 0171 | LELAN/F1NX - Lube Extraction North F-1 Furnace NX | | 31 MM BTU/hr | 28 MM BTU/hr | | 8760 hr/yr |
| EQT 0172 | WCPLX/TK0027 - Tank | 20143 bbl | | | | 8760 hr/yr |
| EQT 0173 | WCPLX/TK0040 - Tank | 12676 bbl | | | | 8760 hr/yr |
| EQT 0174 | WCPLX/TK0046 - Tank | 7616 bbl | | | | 8760 hr/yr |
| EQT 0175 | WCPLX/TK0047 - Tank | 7760 bbl | | | | 8760 hr/yr |
| EQT 0176 | WCPLX/TK0049 - Tank | 17646 bbl | | | | 8760 hr/yr |
| EQT 0177 | WCPLX/TK0050 - Tank | 17640 bbl | | | | 8760 hr/yr |
| EQT 0178 | WCPLX/TK0150 - Tank | 5040 bbl | | | | 8760 hr/yr |
| EQT 0179 | WCPLX/TK0237 - Tank | 12250 bbl | | | | 8760 hr/yr |
| EQT 0180 | WCPLX/TK0302 - Tank | 5040 bbl | | | | 8760 hr/yr |
| EQT 0181 | WCPLX/TK0303 - Tank | 5036 bbl | | | | 8760 hr/yr |
| EQT 0182 | WCPLX/TK0304 - Tank | 5040 bbl | | | | 8760 hr/yr |

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

Subject Item Inventory:

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|---|---|---|---|---|---|---|
| Entire Facility | | | | | | |
| EQT 0183 | WCPLX/TK0305 - Tank | 5040 bbl | | | | 8760 hr/yr |
| EQT 0184 | WCPLX/TK0306 - Tank | 10500 bbl | | | | 8760 hr/yr |
| EQT 0185 | WCPLX/TK0307 - Tank | 5040 bbl | | | | 8760 hr/yr |
| EQT 0186 | WCPLX/TK0308 - Tank | 5040 bbl | | | | 8760 hr/yr |
| EQT 0187 | WCPLX/TK0309 - Tank | 5040 bbl | | | | 8760 hr/yr |
| EQT 0188 | WCPLX/TK0310 - Tank | 17640 bbl | | | | 8760 hr/yr |
| EQT 0189 | WCPLX/TK0311 - Tank | 17640 bbl | | | | 8760 hr/yr |
| EQT 0190 | WCPLX/TK0312 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0191 | WCPLX/TK0313 - Tank | 27563 bbl | | | | 8760 hr/yr |
| EQT 0192 | WCPLX/TK0314 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0193 | WCPLX/TK0315 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0194 | WCPLX/TK0321 - Tank | 17640 bbl | | | | 8760 hr/yr |
| EQT 0195 | WCPLX/TK0322 - Tank | 17640 bbl | | | | 8760 hr/yr |
| EQT 0196 | WCPLX/TK0323 - Tank | 42380 bbl | | | | 8760 hr/yr |
| EQT 0197 | WCPLX/TK0324 - Tank | 42380 bbl | | | | 8760 hr/yr |
| EQT 0198 | WCPLX/TK0325 - Tank | 42380 bbl | | | | 8760 hr/yr |
| EQT 0199 | WCPLX/TK0326 - Tank | 42380 bbl | | | | 8760 hr/yr |
| EQT 0200 | WCPLX/TK0327 - Tank | 38897 bbl | | | | 8760 hr/yr |
| EQT 0201 | WCPLX/TK0328 - Tank | 42380 bbl | | | | 8760 hr/yr |
| EQT 0202 | WCPLX/TK0329 - Tank | 17640 bbl | | | | 8760 hr/yr |
| EQT 0203 | WCPLX/TK0332 - Tank | 20160 bbl | | | | 8760 hr/yr |
| EQT 0204 | WCPLX/TK0339 - Tank | 54432 bbl | | | | 8760 hr/yr |
| EQT 0205 | WCPLX/TK0340 - Tank | 2100 bbl | | | | 8760 hr/yr |
| EQT 0206 | WCPLX/TK0341 - Tank | 54432 bbl | | | | 8760 hr/yr |
| EQT 0207 | WCPLX/TK0342 - Tank | 54432 bbl | | | | 8760 hr/yr |
| EQT 0208 | WCPLX/TK0345 - Tank | 81144 bbl | | | | 8760 hr/yr |
| EQT 0209 | WCPLX/TK0346 - Tank | 36288 bbl | | | | 8760 hr/yr |
| EQT 0210 | WCPLX/TK0348 - Tank | 54432 bbl | | | | 8760 hr/yr |
| EQT 0211 | WCPLX/TK0349 - Tank | 81312 bbl | | | | 8760 hr/yr |
| EQT 0212 | WCPLX/TK0354 - Tank | 2188 bbl | | | | 8760 hr/yr |
| EQT 0213 | WCPLX/TK0373 - Tank | 5145 bbl | | | | 8760 hr/yr |
| EQT 0214 | WCPLX/TK0376 - Tank | 54432 bbl | | | | 8760 hr/yr |
| EQT 0215 | WCPLX/TK0381 - Tank | 67173 bbl | | | | 8760 hr/yr |
| EQT 0216 | WCPLX/TK0382 - Tank | 67173 bbl | | | | 8760 hr/yr |
| EQT 0217 | WCPLX/TK0383 - Tank | 67173 bbl | | | | 8760 hr/yr |
| EQT 0218 | WCPLX/TK0434 - Tank | 18265 bbl | | | | 8760 hr/yr |
| EQT 0219 | WCPLX/TK0440 - Tank | 2188 bbl | | | | 8760 hr/yr |
| EQT 0220 | WCPLX/TK0441 - Tank | 18144 bbl | | | | 8760 hr/yr |
| EQT 0221 | WCPLX/TK0442 - Tank | 18144 bbl | | | | 8760 hr/yr |

LDEQ-EDMS Document 44253281, Page 43 of 311

# INVENTORIES

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

**Subject Item Inventory:**

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|---|---|---|---|---|---|---|
| **Entire Facility** | | | | | | |
| EQT 0222 | WCPLX/TK0443 - Tank | 18144 bbl | | | | 8760 hr/yr |
| EQT 0223 | WCPLX/TK0448 - Tank | 20160 bbl | | | | 8760 hr/yr |
| EQT 0224 | WCPLX/TK0449 - Tank | 14000 bbl | | | | 8760 hr/yr |
| EQT 0225 | WCPLX/TK0534 - Tank | 5398 bbl | | | | 8760 hr/yr |
| EQT 0226 | WCPLX/TK0560 - Tank | 2100 bbl | | | | 8760 hr/yr |
| EQT 0227 | WCPLX/TK0561 - Tank | 2100 bbl | | | | 8760 hr/yr |
| EQT 0228 | WCPLX/TK0562 - Tank | 3780 bbl | | | | 8760 hr/yr |
| EQT 0229 | WCPLX/TK0567 - Tank | 2100 bbl | | | | 8760 hr/yr |
| EQT 0230 | WCPLX/TK0568 - Tank | 2100 bbl | | | | 8760 hr/yr |
| EQT 0231 | WCPLX/TK0569 - Tank | 3780 bbl | | | | 8760 hr/yr |
| EQT 0233 | WCPLX/TK0576 - Tank | 2188 bbl | | | | 8760 hr/yr |
| EQT 0234 | WCPLX/TK0583 - Tank | 5040 bbl | | | | 8760 hr/yr |
| EQT 0235 | WCPLX/TK0584 - Tank | 3780 bbl | | | | 8760 hr/yr |
| EQT 0236 | WCPLX/TK0586 - Tank | 4032 bbl | | | | 8760 hr/yr |
| EQT 0237 | WCPLX/TK0591 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0238 | WCPLX/TK0592 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0239 | WCPLX/TK0593 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0240 | WCPLX/TK0594 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0241 | WCPLX/TK0595 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0242 | WCPLX/TK0596 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0243 | WCPLX/TK0597 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0244 | WCPLX/TK0598 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0245 | WCPLX/TK0600 - Tank | 3780 bbl | | | | 8760 hr/yr |
| EQT 0246 | WCPLX/TK0620 - Tank | 2188 bbl | | | | 8760 hr/yr |
| EQT 0247 | WCPLX/TK0624 - Tank | 2094 bbl | | | | 8760 hr/yr |
| EQT 0248 | WCPLX/TK0629 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0249 | WCPLX/TK0632 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0250 | WCPLX/TK0633 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0251 | WCPLX/TK0634 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0252 | WCPLX/TK0635 - Tank | 35840 bbl | | | | 8760 hr/yr |
| EQT 0256 | WCPLX/TK0639 - Tank | 17640 bbl | | | | 8760 hr/yr |
| EQT 0257 | WCPLX/TK0640 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0258 | WCPLX/TK0642 - Tank | 17605 bbl | | | | 8760 hr/yr |
| EQT 0259 | WCPLX/TK0643 - Tank | 17640 bbl | | | | 8760 hr/yr |
| EQT 0260 | WCPLX/TK0644 - Tank | 20160 bbl | | | | 8760 hr/yr |
| EQT 0261 | WCPLX/TK0646 - Tank | 17640 bbl | | | | 8760 hr/yr |
| EQT 0262 | WCPLX/TK0647 - Tank | 9072 bbl | | | | 8760 hr/yr |
| EQT 0263 | WCPLX/TK0651 - Tank | 17640 bbl | | | | 8760 hr/yr |
| EQT 0264 | WCPLX/TK0652 - Tank | 20160 bbl | | | | 8760 hr/yr |

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Subject Item Inventory:**

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|---|---|---|---|---|---|---|
| **Entire Facility** | | | | | | |
| EQT 0266 | WCPLX/TK0662 - Tank | 27563 bbl | | | | 8760 hr/yr |
| EQT 0267 | WCPLX/TK0663 - Tank | 18144 bbl | | | | 8760 hr/yr |
| EQT 0268 | WCPLX/TK0679 - Tank | 4410 bbl | | | | 8760 hr/yr |
| EQT 0269 | WCPLX/TK0685 - Tank | 54432 bbl | | | | 8760 hr/yr |
| EQT 0270 | WCPLX/TK0686 - Tank | 3780 bbl | | | | 8760 hr/yr |
| EQT 0271 | WCPLX/TK0687 - Tank | 35194 bbl | | | | 8760 hr/yr |
| EQT 0272 | WCPLX/TK0688 - Tank | 35194 bbl | | | | 8760 hr/yr |
| EQT 0273 | WCPLX/TK0689 - Tank | 54432 bbl | | | | 8760 hr/yr |
| EQT 0274 | WCPLX/TK0690 - Tank | 54432 bbl | | | | 8760 hr/yr |
| EQT 0275 | WCPLX/TK0691 - Tank | 54432 bbl | | | | 8760 hr/yr |
| EQT 0276 | WCPLX/TK0692 - Tank | 43008 bbl | | | | 8760 hr/yr |
| EQT 0277 | WCPLX/TK0693 - Tank | 43008 bbl | | | | 8760 hr/yr |
| EQT 0278 | WCPLX/TK0694 - Tank | 43008 bbl | | | | 8760 hr/yr |
| EQT 0279 | WCPLX/TK0699 - Tank | 43008 bbl | | | | 8760 hr/yr |
| EQT 0281 | WCPLX/TK0707 - Tank | 37905 bbl | | | | 8760 hr/yr |
| EQT 0282 | WCPLX/TK0709 - Tank | 37905 bbl | | | | 8760 hr/yr |
| EQT 0283 | WCPLX/TK0711 - Tank | 37905 bbl | | | | 8760 hr/yr |
| EQT 0284 | WCPLX/TK0712 - Tank | 37905 bbl | | | | 8760 hr/yr |
| EQT 0285 | WCPLX/TK0713 - Tank | 37111 bbl | | | | 8760 hr/yr |
| EQT 0286 | WCPLX/TK0714 - Tank | 37111 bbl | | | | 8760 hr/yr |
| EQT 0287 | WCPLX/TK0715 - Tank | 37111 bbl | | | | 8760 hr/yr |
| EQT 0288 | WCPLX/TK0716 - Tank | 37905 bbl | | | | 8760 hr/yr |
| EQT 0289 | WCPLX/TK0717 - Tank | 37905 bbl | | | | 8760 hr/yr |
| EQT 0290 | WCPLX/TK0718 - Tank | 18144 bbl | | | | 8760 hr/yr |
| EQT 0291 | WCPLX/TK0800 - Tank | 3780 bbl | | | | 8760 hr/yr |
| EQT 0292 | WCPLX/TK0803 - Tank | 3780 bbl | | | | 8760 hr/yr |
| EQT 0293 | WCPLX/TK0806 - Tank | 3780 bbl | | | | 8760 hr/yr |
| EQT 0295 | WCPLX/TK0812 - Tank | 24696 bbl | | | | 8760 hr/yr |
| EQT 0296 | WCPLX/TK0931 - Tank | 20160 bbl | | | | 8760 hr/yr |
| EQT 0297 | WCPLX/TK0932 - Tank | 20160 bbl | | | | 8760 hr/yr |
| EQT 0298 | WCPLX/TK0933 - Tank | 20160 bbl | | | | 8760 hr/yr |
| EQT 0299 | WCPLX/TK0935 - Tank | 20160 bbl | | | | 8760 hr/yr |
| EQT 0300 | WCPLX/TK0936 - Tank | 20160 bbl | | | | 8760 hr/yr |
| EQT 0301 | WCPLX/TK0937 - Tank | 20160 bbl | | | | 8760 hr/yr |
| EQT 0302 | WCPLX/TK0938 - Tank | 7834 bbl | | | | 8760 hr/yr |
| EQT 0303 | WCPLX/TK0939 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0304 | WCPLX/TK0940 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0305 | WCPLX/TK0941 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0306 | WCPLX/TK0942 - Tank | 7840 bbl | | | | 8760 hr/yr |

LDEQ-EDMS Document 44253281, Page 45 of 311

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Subject Item Inventory:**

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|---|---|---|---|---|---|---|
| **Entire Facility** | | | | | | |
| EQT 0307 | WCPLX/TK0943 - Tank | 7840 bbl | | | | 8760 hr/yr |
| EQT 0308 | WCPLX/TK0944 - Tank | 20375 bbl | | | | 8760 hr/yr |
| EQT 0309 | WCPLX/TK5309 - Tank | 5625 bbl | | | | 8760 hr/yr |
| EQT 0310 | WCPLX/TK5310 - Tank | 6532 bbl | | | | 8760 hr/yr |
| EQT 0311 | WCPLX/TK5311 - Tank | 6532 bbl | | | | 8760 hr/yr |
| EQT 0312 | WCPLX/TK5312 - Tank | 2634 bbl | | | | 8760 hr/yr |
| EQT 0313 | WCPLX/TK5313 - Tank | 2634 bbl | | | | 8760 hr/yr |
| EQT 0314 | WCPLX/TK5314 - Tank | 2634 bbl | | | | 8760 hr/yr |
| EQT 0704 | KDLA/TK0537(ALTSC1) - Tank | 8064 bbl | | | | 8760 hr/yr |
| EQT 0705 | KDLA/TK0538(ALTSC1) - Tank | 8064 bbl | | | | 8760 hr/yr |
| EQT 0706 | KDLA/TK0705(ALTSC1) - Tank | 3777 bbl | | | | 1680 hr/yr |
| EQT 0707 | KDLA/TK0838(ALTSC1) - Tank | 3777 bbl | | | | 1680 hr/yr |
| FUG 0005 | SPEC/FUG - Specialties Complex Fugitive Emissions | | | | | 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) |
|---|---|---|---|---|---|---|---|
| **Entire Facility** | | | | | | | |
| ARE 0007 | SPEC/SOLV - Specialties Complex Solvent Emissions | | | | | | |
| EQT 0100 | KDLA/CT-22 - Ketone Dewaxing Cooling Tower #22 | 33 | 6045000 | 3079 | | 72 | 80 |
| EQT 0101 | KDLA/D402 - Condensable Blowdown Drum | .43 | 45 | 1.5 | | 75 | 70 |
| EQT 0102 | KDLA/F425 - Ketone Dewaxing F-425 Furnace | 20.8 | 32970 | 5.8 | | 170 | 451.5 |
| EQT 0103 | KDLA/F451 - Ketone Dewaxing F-451 Furnace | 20.1 | 66765 | 8.4 | | 150 | 438.5 |
| EQT 0104 | LELA/CT-34E - Lube Extraction Cooling Tower #34-E | 32 | 776000 | 402 | | 46 | 80 |
| EQT 0105 | LELA/CT-34W - Lube Extraction Cooling Tower #34-W | 36 | 1093980 | 509 | | 56 | 80 |
| EQT 0106 | LELAE/F1 - Lube Extraction East F-1 Furnace | 23.4 | 87382 | 8.9 | | 159.8 | 618.9 |
| EQT 0108 | LELAN/F301 - Lube Extraction North F-301 Furnace | 39.6 | 11669 | 2.5 | | 150 | 600 |
| EQT 0109 | LELAS/F3 - Lube Extraction South F-3 Furnace | 47.9 | 78593 | 5.9 | | 165 | 539.5 |
| EQT 0110 | LELAS/F4 - Lube Extraction South F-4 Furnace | 8.8 | 9927 | 4.9 | | 106 | 592 |
| EQT 0111 | SPEC/LOADING - Specialties Complex Loading Operations | | | | | | |
| EQT 0114 | SPEC/WW - Specialties Complex Catch Basins and Sewer Vents | | | | | | |
| EQT 0115 | WHLA/F150 - Wax Hydrofining F-150 Furnace | 10.6 | 6471 | 3.6 | | 42 | 508.2 |
| EQT 0158 | KDLA/TK0334 - Tank | | | 15 | | 15 | |
| EQT 0159 | KDLA/TK0537(Normal) - Tank | 0 | .01 | 40 | | 36 | 70 |
| EQT 0160 | KDLA/TK0538(Normal) - Tank | 0 | .01 | 40 | | 36 | 70 |

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Stack Information:**

| ID | Description | Velocity (ft/sec) | Flow Rate (cubic ft/min-actual) | Diameter (feet) | Discharge Area (square feet) | Height (feet) | Temperature (oF) |
|---|---|---|---|---|---|---|---|
| **Entire Facility** | | | | | | | |
| EQT 0161 | KDLA/TK0705(Normal) - Tank | 0 | .01 | 30 | | 30 | 70 |
| EQT 0162 | KDLA/TK0838(Normal) - Tank | | | 30 | | 30 | |
| EQT 0164 | LELA/TK0119 - Tank | 0 | .01 | 25 | | 25 | 70 |
| EQT 0165 | LELA/TK0129 - Tank | | | 25 | | 25 | |
| EQT 0166 | LELA/TK0529 - Tank | | | 35 | | 30 | |
| EQT 0167 | LELA/TK0530 - Tank | | | 42 | | 48 | |
| EQT 0168 | LELA/TK0531 - Tank | | | 25 | | 32 | |
| EQT 0169 | LELA/TK0532 - Tank | | | 40 | | 35 | |
| EQT 0170 | LELA/TK0533 - Tank | | | 35 | | 40 | |
| EQT 0171 | LELAN/F1NX - Lube Extraction North F-1 Furnace NX | 12.2 | 11669 | 4.5 | | 140 | 600 |
| EQT 0172 | WCPLX/TK0027 - Tank | 0 | .01 | 60 | | 40 | 78 |
| EQT 0173 | WCPLX/TK0040 - Tank | 0 | .01 | 48 | | 39.33 | 72 |
| EQT 0174 | WCPLX/TK0046 - Tank | 0 | .01 | 40 | | 34.03 | 81 |
| EQT 0175 | WCPLX/TK0047 - Tank | 0 | .01 | 40 | | 34.67 | 90 |
| EQT 0176 | WCPLX/TK0049 - Tank | 0 | .01 | 60 | | 35.04 | 79 |
| EQT 0177 | WCPLX/TK0050 - Tank | 0 | .01 | 60 | | 35 | 172 |
| EQT 0178 | WCPLX/TK0150 - Tank | 0 | .01 | 30 | | 40 | 170 |
| EQT 0179 | WCPLX/TK0237 - Tank | 0 | .01 | 50 | | 35 | 65 |
| EQT 0180 | WCPLX/TK0302 - Tank | 0 | .01 | 30 | | 40 | 162 |
| EQT 0181 | WCPLX/TK0303 - Tank | 0 | .01 | 30 | | 40 | 172 |
| EQT 0182 | WCPLX/TK0304 - Tank | 0 | .01 | 30 | | 40 | 166 |
| EQT 0183 | WCPLX/TK0305 - Tank | 0 | .01 | 30 | | 40 | 168 |
| EQT 0184 | WCPLX/TK0306 - Tank | 0 | .01 | 30 | | 40 | 164 |
| EQT 0185 | WCPLX/TK0307 - Tank | 0 | .01 | 30 | | 40 | 164 |
| EQT 0186 | WCPLX/TK0308 - Tank | 0 | .01 | 30 | | 40 | 152 |
| EQT 0187 | WCPLX/TK0309 - Tank | 0 | .01 | 30 | | 40 | 172 |
| EQT 0188 | WCPLX/TK0310 - Tank | 0 | .01 | 60 | | 35 | 184 |
| EQT 0189 | WCPLX/TK0311 - Tank | 0 | .01 | 60 | | 35 | 184 |
| EQT 0190 | WCPLX/TK0312 - Tank | 0 | .01 | 40 | | 35 | 183 |
| EQT 0191 | WCPLX/TK0313 - Tank | 0 | .01 | 75 | | 35 | 150 |
| EQT 0192 | WCPLX/TK0314 - Tank | 0 | .01 | 40 | | 35 | 177 |
| EQT 0193 | WCPLX/TK0315 - Tank | 0 | .01 | 40 | | 35 | 162 |

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Stack Information:**

| ID | Description | Velocity (ft/sec) | Flow Rate (cubic ft/min-actual) | Diameter (feet) | Discharge Area (square feet) | Height (feet) | Temperature (oF) |
|---|---|---|---|---|---|---|---|
| **Entire Facility** | | | | | | | |
| EQT 0194 | WCPLX/TK0321 - Tank | 0 | .01 | 60 | | 35 | 74 |
| EQT 0195 | WCPLX/TK0322 - Tank | 0 | .01 | 60 | | 35 | 168 |
| EQT 0196 | WCPLX/TK0323 - Tank | 0 | .01 | 93 | | 35 | 151 |
| EQT 0197 | WCPLX/TK0324 - Tank | 0 | .01 | 93 | | 35 | 161 |
| EQT 0198 | WCPLX/TK0325 - Tank | 0 | .01 | 93 | | 35 | 158 |
| EQT 0199 | WCPLX/TK0326 - Tank | 0 | .01 | 93 | | 35 | 152 |
| EQT 0200 | WCPLX/TK0327 - Tank | 0 | .01 | 93 | | 32 | 161 |
| EQT 0201 | WCPLX/TK0328 - Tank | 0 | .01 | 93 | | 35 | 155 |
| EQT 0202 | WCPLX/TK0329 - Tank | 0 | .01 | 60 | | 35 | 161 |
| EQT 0203 | WCPLX/TK0332 - Tank | 0 | .01 | 60 | | 40 | 74 |
| EQT 0204 | WCPLX/TK0339 - Tank | 0 | .01 | 90 | | 48 | 77 |
| EQT 0205 | WCPLX/TK0340 - Tank | 0 | .01 | 90 | | 48 | 76 |
| EQT 0206 | WCPLX/TK0341 - Tank | 0 | .01 | 90 | | 48 | 75 |
| EQT 0207 | WCPLX/TK0342 - Tank | 0 | .01 | 90 | | 48 | 94 |
| EQT 0208 | WCPLX/TK0345 - Tank | 0 | .01 | 110 | | 48 | 157 |
| EQT 0209 | WCPLX/TK0346 - Tank | 0 | .01 | 90 | | 32 | 132 |
| EQT 0210 | WCPLX/TK0348 - Tank | 0 | .01 | 90 | | 48 | 150 |
| EQT 0211 | WCPLX/TK0349 - Tank | 0 | .01 | 110 | | 48 | 83 |
| EQT 0212 | WCPLX/TK0354 - Tank | 0 | .01 | 25 | | 25 | 161 |
| EQT 0213 | WCPLX/TK0373 - Tank | 0 | .01 | 35 | | 30 | 167 |
| EQT 0214 | WCPLX/TK0376 - Tank | 0 | .01 | 90 | | 48 | 78 |
| EQT 0215 | WCPLX/TK0381 - Tank | 0 | .01 | 100 | | 48 | 91 |
| EQT 0216 | WCPLX/TK0382 - Tank | 0 | .01 | 100 | | 48 | 91 |
| EQT 0217 | WCPLX/TK0383 - Tank | 0 | .01 | 100 | | 48 | 93 |
| EQT 0218 | WCPLX/TK0434 - Tank | 0 | .01 | 60 | | 36 | 163 |
| EQT 0219 | WCPLX/TK0440 - Tank | | | 25 | | 25 | |
| EQT 0220 | WCPLX/TK0441 - Tank | 0 | .01 | 60 | | 36 | 177 |
| EQT 0221 | WCPLX/TK0442 - Tank | 0 | .01 | 60 | | 36 | 185 |
| EQT 0222 | WCPLX/TK0443 - Tank | 0 | .01 | 60 | | 36 | 163 |
| EQT 0223 | WCPLX/TK0448 - Tank | 0 | .01 | 60 | | 40 | 175 |
| EQT 0224 | WCPLX/TK0449 - Tank | 0 | .01 | 50 | | 40 | 169 |
| EQT 0225 | WCPLX/TK0534 - Tank | 0 | .01 | 35 | | 32 | 155 |

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Stack Information:**

| ID | Description | Velocity (ft/sec) | Flow Rate (cubic ft/min-actual) | Diameter (feet) | Discharge Area (square feet) | Height (feet) | Temperature (oF) |
|---|---|---|---|---|---|---|---|
| **Entire Facility** | | | | | | | |
| EQT 0226 | WCPLX/TK0560 - Tank | 0 | .01 | 25 | | 24 | 156 |
| EQT 0227 | WCPLX/TK0561 - Tank | 0 | .01 | 25 | | 24 | 158 |
| EQT 0228 | WCPLX/TK0562 - Tank | 0 | .01 | 30 | | 30 | 171 |
| EQT 0229 | WCPLX/TK0567 - Tank | 0 | .01 | 25 | | 24 | 161 |
| EQT 0230 | WCPLX/TK0568 - Tank | 0 | .01 | 25 | | 24 | 161 |
| EQT 0231 | WCPLX/TK0569 - Tank | 0 | .01 | 30 | | 30 | 170 |
| EQT 0233 | WCPLX/TK0576 - Tank | 0 | .01 | 25 | | 24 | 163 |
| EQT 0234 | WCPLX/TK0583 - Tank | | | 30 | | 40 | |
| EQT 0235 | WCPLX/TK0584 - Tank | | | 30 | | 30 | |
| EQT 0236 | WCPLX/TK0586 - Tank | 0 | .01 | 30 | | 30 | 74 |
| EQT 0237 | WCPLX/TK0591 - Tank | 0 | .01 | 40 | | 35 | 69 |
| EQT 0238 | WCPLX/TK0592 - Tank | 0 | .01 | 40 | | 35 | 73 |
| EQT 0239 | WCPLX/TK0593 - Tank | 0 | .01 | 40 | | 35 | 63 |
| EQT 0240 | WCPLX/TK0594 - Tank | | | 40 | | 35 | |
| EQT 0241 | WCPLX/TK0595 - Tank | 0 | .01 | 40 | | 35 | 74 |
| EQT 0242 | WCPLX/TK0596 - Tank | 0 | .01 | 40 | | 35 | 75 |
| EQT 0243 | WCPLX/TK0597 - Tank | 0 | .01 | 40 | | 35 | 73 |
| EQT 0244 | WCPLX/TK0598 - Tank | 0 | .01 | 40 | | 35 | 71 |
| EQT 0245 | WCPLX/TK0600 - Tank | 0 | .01 | 30 | | 30 | 173 |
| EQT 0246 | WCPLX/TK0620 - Tank | | | 25 | | 25 | |
| EQT 0247 | WCPLX/TK0624 - Tank | | | 25 | | 24 | |
| EQT 0248 | WCPLX/TK0629 - Tank | 0 | .01 | 40 | | 35 | 74 |
| EQT 0249 | WCPLX/TK0632 - Tank | | | 40 | | 35 | |
| EQT 0250 | WCPLX/TK0633 - Tank | | | 40 | | 35 | |
| EQT 0251 | WCPLX/TK0634 - Tank | 0 | .01 | 40 | | 35 | 72 |
| EQT 0252 | WCPLX/TK0635 - Tank | 0 | .01 | 80 | | 40 | 75 |
| EQT 0256 | WCPLX/TK0639 - Tank | 0 | .01 | 60 | | 35 | 79 |
| EQT 0257 | WCPLX/TK0640 - Tank | | | 40 | | 35 | |
| EQT 0258 | WCPLX/TK0642 - Tank | 0 | .01 | 60 | | 35 | 76 |
| EQT 0259 | WCPLX/TK0643 - Tank | | | 60 | | 35 | |
| EQT 0260 | WCPLX/TK0644 - Tank | 0 | .01 | 60 | | 40 | 80 |
| EQT 0261 | WCPLX/TK0646 - Tank | 0 | .01 | 60 | | 35 | 75 |

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Stack Information:**

| ID | Description | Velocity (ft/sec) | Flow Rate (cubic ft/min-actual) | Diameter (feet) | Discharge Area (square feet) | Height (feet) | Temperature (oF) |
|---|---|---|---|---|---|---|---|
| **Entire Facility** | | | | | | | |
| EQT 0262 | WCPLX/TK0647 - Tank | 0 | .01 | 60 | | 35 | 77 |
| EQT 0263 | WCPLX/TK0651 - Tank | 0 | .01 | 60 | | 35 | 72 |
| EQT 0264 | WCPLX/TK0652 - Tank | | | 60 | | 40 | |
| EQT 0266 | WCPLX/TK0662 - Tank | 0 | .01 | 75 | | 35 | 81 |
| EQT 0267 | WCPLX/TK0663 - Tank | 0 | .01 | 60 | | 36 | 75 |
| EQT 0268 | WCPLX/TK0679 - Tank | 0 | .01 | 30 | | 35 | 179 |
| EQT 0269 | WCPLX/TK0685 - Tank | 0 | .01 | 90 | | 48 | 71 |
| EQT 0270 | WCPLX/TK0686 - Tank | 0 | .01 | 30 | | 30 | 105 |
| EQT 0271 | WCPLX/TK0687 - Tank | 0 | .01 | 67 | | 56 | 166 |
| EQT 0272 | WCPLX/TK0688 - Tank | 0 | .01 | 67 | | 56 | 163 |
| EQT 0273 | WCPLX/TK0689 - Tank | 0 | .01 | 90 | | 48 | 114 |
| EQT 0274 | WCPLX/TK0690 - Tank | 0 | .01 | 90 | | 48 | 104 |
| EQT 0275 | WCPLX/TK0691 - Tank | 0 | .01 | 90 | | 48 | 100 |
| EQT 0276 | WCPLX/TK0692 - Tank | 0 | .01 | 80 | | 48 | 80 |
| EQT 0277 | WCPLX/TK0693 - Tank | 0 | .01 | 80 | | 48 | 66 |
| EQT 0278 | WCPLX/TK0694 - Tank | 0 | .01 | 80 | | 48 | 91 |
| EQT 0279 | WCPLX/TK0699 - Tank | 0 | .01 | 80 | | 48 | 101 |
| EQT 0281 | WCPLX/TK0707 - Tank | | | 95 | | 30 | |
| EQT 0282 | WCPLX/TK0709 - Tank | 0 | .01 | 95 | | 30 | 79 |
| EQT 0283 | WCPLX/TK0711 - Tank | 0 | .01 | 95 | | 30 | 84 |
| EQT 0284 | WCPLX/TK0712 - Tank | 0 | .01 | 95 | | 30 | 83 |
| EQT 0285 | WCPLX/TK0713 - Tank | 0 | .01 | 94 | | 30 | 99 |
| EQT 0286 | WCPLX/TK0714 - Tank | 0 | .01 | 94 | | 30 | 86 |
| EQT 0287 | WCPLX/TK0715 - Tank | 0 | .01 | 94 | | 30 | 153 |
| EQT 0288 | WCPLX/TK0716 - Tank | 0 | .01 | 95 | | 30 | 153 |
| EQT 0289 | WCPLX/TK0717 - Tank | 0 | .01 | 95 | | 30 | 147 |
| EQT 0290 | WCPLX/TK0718 - Tank | 0 | .01 | 60 | | 36 | 152 |
| EQT 0291 | WCPLX/TK0800 - Tank | | | 30 | | 30 | |
| EQT 0292 | WCPLX/TK0803 - Tank | 0 | .01 | 30 | | 30 | 83 |
| EQT 0293 | WCPLX/TK0806 - Tank | | | 30 | | 30 | |
| EQT 0295 | WCPLX/TK0812 - Tank | 0 | .01 | 70 | | 36 | 83 |
| EQT 0296 | WCPLX/TK0931 - Tank | 0 | .01 | 60 | | 40 | 91 |

LDEQ-EDMS Document 44253281, Page 50 of 311

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Stack Information:**

| ID | Description | Velocity (ft/sec) | Flow Rate (cubic ft/min-actual) | Diameter (feet) | Discharge Area (square feet) | Height (feet) | Temperature (oF) |
|---|---|---|---|---|---|---|---|
| Entire Facility | | | | | | | |
| EQT 0297 | WCPLX/TK0932 - Tank | 0 | .01 | 60 | | 40 | 83 |
| EQT 0298 | WCPLX/TK0933 - Tank | 0 | .01 | 60 | | 40 | 105 |
| EQT 0299 | WCPLX/TK0935 - Tank | 0 | .01 | 60 | | 40 | 96 |
| EQT 0300 | WCPLX/TK0936 - Tank | 0 | .01 | 60 | | 40 | 80 |
| EQT 0301 | WCPLX/TK0937 - Tank | 0 | .01 | 60 | | 40 | 82 |
| EQT 0302 | WCPLX/TK0938 - Tank | 0 | .01 | 40 | | 35 | 96 |
| EQT 0303 | WCPLX/TK0939 - Tank | 0 | .01 | 40 | | 35 | 79 |
| EQT 0304 | WCPLX/TK0940 - Tank | 0 | .01 | 40 | | 35 | 85 |
| EQT 0305 | WCPLX/TK0941 - Tank | 0 | .01 | 40 | | 35 | 75 |
| EQT 0306 | WCPLX/TK0942 - Tank | 0 | .01 | 40 | | 35 | 74 |
| EQT 0307 | WCPLX/TK0943 - Tank | 0 | .01 | 40 | | 35 | 78 |
| EQT 0308 | WCPLX/TK0944 - Tank | 0 | .01 | 60 | | 40 | 91 |
| EQT 0309 | WCPLX/TK5309 - Tank | 0 | .01 | 36 | | 31 | 70 |
| EQT 0310 | WCPLX/TK5310 - Tank | 0 | .01 | 36 | | 36 | 70 |
| EQT 0311 | WCPLX/TK5311 - Tank | 0 | .01 | 36 | | 36 | 70 |
| EQT 0312 | WCPLX/TK5312 - Tank | 0 | .01 | 28 | | 24 | 70 |
| EQT 0313 | WCPLX/TK5313 - Tank | 0 | .01 | 28 | | 24 | 70 |
| EQT 0314 | WCPLX/TK5314 - Tank | 0 | .01 | 28 | | 24 | 70 |
| EQT 0704 | KDLA/TK0537(ALTSC1) - Tank | 0 | .01 | 40 | | 36 | 70 |
| EQT 0705 | KDLA/TK0538(ALTSC1) - Tank | 0 | .01 | 40 | | 36 | 70 |
| EQT 0706 | KDLA/TK0705(ALTSC1) - Tank | 0 | .01 | 30 | | 30 | 70 |
| EQT 0707 | KDLA/TK0838(ALTSC1) - Tank | | | 30 | | 30 | |
| FUG 0005 | SPEC/FUG - Specialties Complex Fugitive Emissions | | | | | | |

**Relationships:**

**Subject Item Groups:**

| ID | Group Type | Group Description |
|---|---|---|
| GRP 0044 | Equipment Group | GRP044 - SPEC/TANKS Emission Rates Only |
| GRP 0045 | Equipment Group | GRP045 - Group of 117 Tanks For Regulations Only |
| GRP 0048 | Equipment Group | GRP048 - Group of 24 Tanks for Regulations Only |
| GRP 0094 | Equipment Group | GRP094 - Group of 3 Cooling Towers for Regulations only |
| GRP 0095 | Equipment Group | GRP095 - Group of 4 Furnaces (F1, F3, F425 & F451) for Regulations only |

LDEQ-EDMS Document 44253281, Page 51 of 311

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Subject Item Groups:**

| ID | Group Type | Group Description |
|---|---|---|
| GRP 0096 | Equipment Group | GRP096 - Group of 4 Furnaces (F1NX, F301, F150 & F4) for Regulations only |
| GRP 0097 | Equipment Group | GRP097 - KDLA/TK0537(Normal) & TK0538(Normal) |
| GRP 0098 | Equipment Group | GRP098 - KDLA/TK0705(Normal) & TK0838(Normal) |
| SCN 0003 | Alternate Operating Scenario | SCN003 - KDLA/TK0537(ALTSC1), TK0538(ALTSC1), TK0705(ALTSC1) & TK0838(ALTSC1) |
| UNF 0001 | Unit or Facility Wide | UNF - Entire Facility |

**Group Membership:**

| ID | Description | Member of Groups |
|---|---|---|
| EQT 0100 | KDLA/CT-22 - Ketone Dewaxing Cooling Tower #22 | GRP0000000094 |
| EQT 0102 | KDLA/F425 - Ketone Dewaxing F-425 Furnace | GRP0000000095 |
| EQT 0103 | KDLA/F451 - Ketone Dewaxing F-451 Furnace | GRP0000000095 |
| EQT 0104 | LELA/CT-34E - Lube Extraction Cooling Tower #34-E | GRP0000000094 |
| EQT 0105 | LELA/CT-34W - Lube Extraction Cooling Tower #34-W | GRP0000000094 |
| EQT 0106 | LELAE/F1 - Lube Extraction East F-1 Furnace | GRP0000000095 |
| EQT 0108 | LELAN/F301 - Lube Extraction North F-301 Furnace | GRP0000000096 |
| EQT 0109 | LELAS/F3 - Lube Extraction South F-3 Furnace | GRP0000000095 |
| EQT 0110 | LELAS/F4 - Lube Extraction South F-4 Furnace | GRP0000000096 |
| EQT 0115 | WHLA/F150 - Wax Hydrofining F-150 Furnace | GRP0000000096 |
| EQT 0158 | KDLA/TK0334 - Tank | GRP0000000045 |
| EQT 0159 | KDLA/TK0537(Normal) - Tank | GRP0000000045, GRP0000000097 |
| EQT 0160 | KDLA/TK0538(Normal) - Tank | GRP0000000045, GRP0000000097 |
| EQT 0161 | KDLA/TK0705(Normal) - Tank | GRP0000000098 |
| EQT 0162 | KDLA/TK0838(Normal) - Tank | GRP0000000098 |
| EQT 0164 | LELA/TK0119 - Tank | GRP0000000045 |
| EQT 0165 | LELA/TK0129 - Tank | GRP0000000045 |
| EQT 0166 | LELA/TK0529 - Tank | GRP0000000045 |
| EQT 0169 | LELA/TK0532 - Tank | GRP0000000045 |
| EQT 0170 | LELA/TK0533 - Tank | GRP0000000045 |
| EQT 0171 | LELAN/F1NX - Lube Extraction North F-1 Furnace NX | GRP0000000096 |
| EQT 0172 | WCPLX/TK0027 - Tank | GRP0000000045 |
| EQT 0173 | WCPLX/TK0040 - Tank | GRP0000000045 |
| EQT 0174 | WCPLX/TK0046 - Tank | GRP0000000048 |
| EQT 0175 | WCPLX/TK0047 - Tank | GRP0000000048 |
| EQT 0176 | WCPLX/TK0049 - Tank | GRP0000000045 |
| EQT 0177 | WCPLX/TK0050 - Tank | GRP0000000045 |
| EQT 0178 | WCPLX/TK0150 - Tank | GRP0000000045 |
| EQT 0179 | WCPLX/TK0237 - Tank | GRP0000000045 |
| EQT 0180 | WCPLX/TK0302 - Tank | GRP0000000045 |
| EQT 0181 | WCPLX/TK0303 - Tank | GRP0000000045 |
| EQT 0182 | WCPLX/TK0304 - Tank | GRP0000000045 |

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Group Membership:**

| ID | Description | Member of Groups |
|---|---|---|
| EQT 0183 | WCPLX/TK0305 - Tank | GRP0000000045 |
| EQT 0184 | WCPLX/TK0306 - Tank | GRP0000000045 |
| EQT 0185 | WCPLX/TK0307 - Tank | GRP0000000045 |
| EQT 0186 | WCPLX/TK0308 - Tank | GRP0000000045 |
| EQT 0187 | WCPLX/TK0309 - Tank | GRP0000000045 |
| EQT 0188 | WCPLX/TK0310 - Tank | GRP0000000045 |
| EQT 0189 | WCPLX/TK0311 - Tank | GRP0000000045 |
| EQT 0190 | WCPLX/TK0312 - Tank | GRP0000000045 |
| EQT 0191 | WCPLX/TK0313 - Tank | GRP0000000045 |
| EQT 0192 | WCPLX/TK0314 - Tank | GRP0000000045 |
| EQT 0193 | WCPLX/TK0315 - Tank | GRP0000000048 |
| EQT 0194 | WCPLX/TK0321 - Tank | GRP0000000045 |
| EQT 0195 | WCPLX/TK0322 - Tank | GRP0000000045 |
| EQT 0196 | WCPLX/TK0323 - Tank | GRP0000000045 |
| EQT 0197 | WCPLX/TK0324 - Tank | GRP0000000045 |
| EQT 0198 | WCPLX/TK0325 - Tank | GRP0000000045 |
| EQT 0199 | WCPLX/TK0326 - Tank | GRP0000000045 |
| EQT 0200 | WCPLX/TK0327 - Tank | GRP0000000045 |
| EQT 0201 | WCPLX/TK0328 - Tank | GRP0000000045 |
| EQT 0202 | WCPLX/TK0329 - Tank | GRP0000000045 |
| EQT 0203 | WCPLX/TK0332 - Tank | GRP0000000045 |
| EQT 0204 | WCPLX/TK0339 - Tank | GRP0000000045 |
| EQT 0205 | WCPLX/TK0340 - Tank | GRP0000000045 |
| EQT 0206 | WCPLX/TK0341 - Tank | GRP0000000045 |
| EQT 0207 | WCPLX/TK0342 - Tank | GRP0000000045 |
| EQT 0208 | WCPLX/TK0345 - Tank | GRP0000000045 |
| EQT 0209 | WCPLX/TK0346 - Tank | GRP0000000045 |
| EQT 0210 | WCPLX/TK0348 - Tank | GRP0000000045 |
| EQT 0211 | WCPLX/TK0349 - Tank | GRP0000000045 |
| EQT 0212 | WCPLX/TK0354 - Tank | GRP0000000045 |
| EQT 0213 | WCPLX/TK0373 - Tank | GRP0000000045 |
| EQT 0214 | WCPLX/TK0376 - Tank | GRP0000000045 |
| EQT 0215 | WCPLX/TK0381 - Tank | GRP0000000045 |
| EQT 0216 | WCPLX/TK0382 - Tank | GRP0000000045 |
| EQT 0217 | WCPLX/TK0383 - Tank | GRP0000000045 |
| EQT 0218 | WCPLX/TK0434 - Tank | GRP0000000045 |
| EQT 0219 | WCPLX/TK0440 - Tank | GRP0000000045 |
| EQT 0220 | WCPLX/TK0441 - Tank | GRP0000000045 |
| EQT 0221 | WCPLX/TK0442 - Tank | GRP0000000045 |
| EQT 0222 | WCPLX/TK0443 - Tank | GRP0000000048 |
| EQT 0223 | WCPLX/TK0448 - Tank | GRP0000000048 |

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Group Membership:**

| ID | Description | Member of Groups |
|---|---|---|
| EQT 0224 | WCPLX/TK0449 - Tank | GRP0000000045 |
| EQT 0225 | WCPLX/TK0534 - Tank | GRP0000000045 |
| EQT 0226 | WCPLX/TK0560 - Tank | GRP0000000045 |
| EQT 0227 | WCPLX/TK0561 - Tank | GRP0000000045 |
| EQT 0228 | WCPLX/TK0562 - Tank | GRP0000000048 |
| EQT 0229 | WCPLX/TK0567 - Tank | GRP0000000045 |
| EQT 0230 | WCPLX/TK0568 - Tank | GRP0000000045 |
| EQT 0231 | WCPLX/TK0569 - Tank | GRP0000000045 |
| EQT 0233 | WCPLX/TK0576 - Tank | GRP0000000045 |
| EQT 0234 | WCPLX/TK0583 - Tank | GRP0000000045 |
| EQT 0235 | WCPLX/TK0584 - Tank | GRP0000000045 |
| EQT 0236 | WCPLX/TK0586 - Tank | GRP0000000045 |
| EQT 0237 | WCPLX/TK0591 - Tank | GRP0000000045 |
| EQT 0238 | WCPLX/TK0592 - Tank | GRP0000000045 |
| EQT 0239 | WCPLX/TK0593 - Tank | GRP0000000045 |
| EQT 0240 | WCPLX/TK0594 - Tank | GRP0000000045 |
| EQT 0241 | WCPLX/TK0595 - Tank | GRP0000000045 |
| EQT 0242 | WCPLX/TK0596 - Tank | GRP0000000045 |
| EQT 0243 | WCPLX/TK0597 - Tank | GRP0000000045 |
| EQT 0244 | WCPLX/TK0598 - Tank | GRP0000000045 |
| EQT 0245 | WCPLX/TK0600 - Tank | GRP0000000045 |
| EQT 0246 | WCPLX/TK0620 - Tank | GRP0000000045 |
| EQT 0247 | WCPLX/TK0624 - Tank | GRP0000000045 |
| EQT 0248 | WCPLX/TK0629 - Tank | GRP0000000048 |
| EQT 0249 | WCPLX/TK0632 - Tank | GRP0000000045 |
| EQT 0250 | WCPLX/TK0633 - Tank | GRP0000000045 |
| EQT 0251 | WCPLX/TK0634 - Tank | GRP0000000045 |
| EQT 0252 | WCPLX/TK0635 - Tank | GRP0000000045 |
| EQT 0256 | WCPLX/TK0639 - Tank | GRP0000000045 |
| EQT 0257 | WCPLX/TK0640 - Tank | GRP0000000045 |
| EQT 0258 | WCPLX/TK0642 - Tank | GRP0000000045 |
| EQT 0259 | WCPLX/TK0643 - Tank | GRP0000000045 |
| EQT 0260 | WCPLX/TK0644 - Tank | GRP0000000045 |
| EQT 0261 | WCPLX/TK0646 - Tank | GRP0000000045 |
| EQT 0262 | WCPLX/TK0647 - Tank | GRP0000000045 |
| EQT 0263 | WCPLX/TK0651 - Tank | GRP0000000045 |
| EQT 0264 | WCPLX/TK0652 - Tank | GRP0000000045 |
| EQT 0266 | WCPLX/TK0662 - Tank | GRP0000000045 |
| EQT 0267 | WCPLX/TK0663 - Tank | GRP0000000045 |
| EQT 0268 | WCPLX/TK0679 - Tank | GRP0000000045 |
| EQT 0269 | WCPLX/TK0685 - Tank | GRP0000000045 |

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Group Membership:**

| ID | Description | Member of Groups |
|---|---|---|
| EQT 0270 | WCPLX/TK0686 - Tank | GRP0000000045 |
| EQT 0271 | WCPLX/TK0687 - Tank | GRP0000000045 |
| EQT 0272 | WCPLX/TK0688 - Tank | GRP0000000045 |
| EQT 0273 | WCPLX/TK0689 - Tank | GRP0000000045 |
| EQT 0274 | WCPLX/TK0690 - Tank | GRP0000000045 |
| EQT 0275 | WCPLX/TK0691 - Tank | GRP0000000045 |
| EQT 0276 | WCPLX/TK0692 - Tank | GRP0000000045 |
| EQT 0277 | WCPLX/TK0693 - Tank | GRP0000000045 |
| EQT 0278 | WCPLX/TK0694 - Tank | GRP0000000045 |
| EQT 0279 | WCPLX/TK0699 - Tank | GRP0000000045 |
| EQT 0281 | WCPLX/TK0707 - Tank | GRP0000000045 |
| EQT 0282 | WCPLX/TK0709 - Tank | GRP0000000045 |
| EQT 0283 | WCPLX/TK0711 - Tank | GRP0000000045 |
| EQT 0284 | WCPLX/TK0712 - Tank | GRP0000000045 |
| EQT 0285 | WCPLX/TK0713 - Tank | GRP0000000045 |
| EQT 0286 | WCPLX/TK0714 - Tank | GRP0000000045 |
| EQT 0287 | WCPLX/TK0715 - Tank | GRP0000000045 |
| EQT 0288 | WCPLX/TK0716 - Tank | GRP0000000045 |
| EQT 0289 | WCPLX/TK0717 - Tank | GRP0000000045 |
| EQT 0290 | WCPLX/TK0718 - Tank | GRP0000000045 |
| EQT 0291 | WCPLX/TK0800 - Tank | GRP0000000045 |
| EQT 0292 | WCPLX/TK0803 - Tank | GRP0000000045 |
| EQT 0295 | WCPLX/TK0812 - Tank | GRP0000000045 |
| EQT 0296 | WCPLX/TK0931 - Tank | GRP0000000048 |
| EQT 0297 | WCPLX/TK0932 - Tank | GRP0000000048 |
| EQT 0298 | WCPLX/TK0933 - Tank | GRP0000000048 |
| EQT 0299 | WCPLX/TK0935 - Tank | GRP0000000048 |
| EQT 0300 | WCPLX/TK0936 - Tank | GRP0000000048 |
| EQT 0301 | WCPLX/TK0937 - Tank | GRP0000000048 |
| EQT 0302 | WCPLX/TK0938 - Tank | GRP0000000048 |
| EQT 0303 | WCPLX/TK0939 - Tank | GRP0000000048 |
| EQT 0304 | WCPLX/TK0940 - Tank | GRP0000000048 |
| EQT 0305 | WCPLX/TK0941 - Tank | GRP0000000048 |
| EQT 0306 | WCPLX/TK0942 - Tank | GRP0000000048 |
| EQT 0307 | WCPLX/TK0943 - Tank | GRP0000000048 |
| EQT 0308 | WCPLX/TK0944 - Tank | GRP0000000048 |
| EQT 0309 | WCPLX/TK5309 - Tank | GRP0000000048 |
| EQT 0310 | WCPLX/TK5310 - Tank | GRP0000000048 |
| EQT 0311 | WCPLX/TK5311 - Tank | GRP0000000048 |
| EQT 0312 | WCPLX/TK5312 - Tank | GRP0000000048 |
| EQT 0313 | WCPLX/TK5313 - Tank | GRP0000000048 |

# INVENTORIES

## AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
## Activity Number: PER20090009
## Permit Number: 2341-V2
## Air - Title V Regular Permit Renewal

**Group Membership:**

| ID | Description | Member of Groups |
|---|---|---|
| EQT 0314 | WCPLX/TK5314 - Tank | GRP0000000048 |
| EQT 0704 | KDLA/TK0537(ALTSC1) - Tank | SCN0000000003 |
| EQT 0705 | KDLA/TK0538(ALTSC1) - Tank | SCN0000000003 |
| EQT 0706 | KDLA/TK0705(ALTSC1) - Tank | SCN0000000003 |
| EQT 0707 | KDLA/TK0838(ALTSC1) - Tank | SCN0000000003 |
| GRP 0045 | GRP045 - Group of 117 Tanks For Regulations Only | GRP0000000044 |
| GRP 0048 | GRP048 - Group of 24 Tanks for Regulations Only | GRP0000000044 |

**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 | UNF 001 |

# EMISSION RATES FOR CRITERIA POLLUTANTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

| | CO | | | NOx | | | PM10 | | | SO2 | | | VOC | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Subject Item | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year | Avg lb/hr | Max lb/hr | Tons/Year |
| **Entire Facility** | | | | | | | | | | | | | | | |
| ARE 0007 SPEC/SOLV | | | | | | | | | | | | | 200.86 | | 879.77 |
| EQT 0100 KDLA/CT-22 | | | | | | | 1.44 | 2.88 | 6.30 | | | | 2.42 | | 10.58 |
| EQT 0101 KDLA/D402 | | | | | | | | | | | | | 0.32 | 2.95 | 1.39 |
| EQT 0102 KDLA/F425 | 8.10 | 8.10 | 35.46 | 8.28 | 12.51 | 36.27 | 0.74 | 0.74 | 3.22 | 2.61 | | 11.44 | 0.53 | 0.53 | 2.34 |
| EQT 0103 KDLA/F451 | 16.63 | 16.63 | 72.85 | 15.27 | 18.33 | 66.89 | 1.51 | 1.51 | 6.62 | 5.37 | 6.39 | 23.51 | 1.10 | 1.10 | 4.80 |
| EQT 0104 LELA/CT-34E | | | | | | | 0.27 | 0.54 | 1.18 | | | | 0.57 | | 2.48 |
| EQT 0105 LELA/CT-34W | | | | | | | 0.15 | | 0.66 | | | | 0.25 | | 1.10 |
| EQT 0106 LELAE/F1 | 18.22 | 18.22 | 79.79 | 13.58 | 34.36 | 59.48 | 1.66 | 1.66 | 7.25 | 5.88 | 7.00 | 25.75 | 1.20 | 1.20 | 5.26 |
| EQT 0108 LELAN/F301 | 2.46 | 3.34 | 10.79 | 3.36 | 4.56 | 14.72 | 0.22 | 0.30 | 0.98 | 0.80 | 1.28 | 3.48 | 0.16 | 0.22 | 0.71 |
| EQT 0109 LELAS/F3 | 17.60 | 18.92 | 77.09 | 14.00 | 35.05 | 61.32 | 1.60 | 1.72 | 7.01 | 5.68 | 7.27 | 24.88 | 1.16 | 1.25 | 5.08 |
| EQT 0110 LELAS/F4 | 2.11 | 2.73 | 9.25 | 2.66 | 3.44 | 11.67 | 0.19 | 0.25 | 0.84 | 0.68 | 1.05 | 2.99 | 0.14 | 0.18 | 0.61 |
| EQT 0111 SPEC/LOADING | | | | | | | | | | | | | 0.10 | 0.47 | 0.43 |
| EQT 0114 SPEC/WW | | | | | | | | | | | | | 2.41 | | 10.57 |
| EQT 0115 WHLA/F150 | 1.50 | 1.50 | 6.55 | 1.89 | 1.89 | 8.27 | 0.14 | 0.14 | 0.60 | 0.48 | 0.57 | 2.11 | 0.10 | 0.10 | 0.43 |
| EQT 0171 LELAN/F1NX | 2.46 | 2.73 | 10.79 | 2.16 | 2.39 | 9.44 | 0.22 | 0.25 | 0.98 | 0.80 | 1.18 | 3.48 | 0.16 | 0.18 | 0.71 |
| FUG 0005 SPEC/FUG | | | | | | | | | | | | | 42.39 | | 185.67 |
| GRP 0044 GRP044 | | | | | | | | | | | | | 1.72 | | 7.52 |

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





LDEQ-EDMS Document 44253281, Page 56 of 311

# EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

| Emission Pt. | Pollutant | Avg lb/hr | Max lb/hr | Tons/Year |
|---|---|---|---|---|
| ARE 0007 SPEC/SOLV | Methanol | 1.05 | | 4.59 |
| | Methyl ethyl ketone | 78.76 | | 344.95 |
| | Methyl isobutyl ketone | 38.79 | | 169.90 |
| EQT 0100 KDLA/CT-22 | 1,3-Butadiene | 0.002 | | 0.01 |
| | 2,2,4-Trimethylpentane | 0.002 | | 0.01 |
| | Benzene | 0.002 | | 0.01 |
| | Biphenyl | 0.002 | | 0.01 |
| | Cresol | 0.002 | | 0.01 |
| | Cumene | 0.002 | | 0.01 |
| | Ethyl benzene | 0.002 | | 0.01 |
| | Hydrogen sulfide | 0.002 | | 0.01 |
| | Methanol | 0.002 | | 0.01 |
| | Methyl ethyl ketone | 0.002 | | 0.01 |
| | Methyl isobutyl ketone | 0.002 | | 0.01 |
| | Styrene | 0.002 | | 0.01 |
| | Toluene | 0.002 | | 0.01 |
| | Xylene (mixed isomers) | 0.002 | | 0.01 |
| | n-Hexane | 0.002 | | 0.01 |
| EQT 0101 KDLA/D402 | Methyl ethyl ketone | 0.30 | 2.80 | 1.32 |
| | Methyl isobutyl ketone | 0.02 | 0.15 | 0.07 |
| EQT 0104 LELA/CT-34E | 1,3-Butadiene | 0.002 | | 0.01 |
| | 2,2,4-Trimethylpentane | 0.002 | | 0.01 |
| | Benzene | 0.002 | | 0.01 |
| | Biphenyl | 0.002 | | 0.01 |
| | Cresol | 0.002 | | 0.01 |
| | Cumene | 0.002 | | 0.01 |
| | Ethyl benzene | 0.002 | | 0.01 |
| | Hydrogen sulfide | 0.002 | | 0.01 |
| | Methanol | 0.002 | | 0.01 |
| | Methyl ethyl ketone | 0.002 | | 0.01 |
| | Methyl isobutyl ketone | 0.002 | | 0.01 |
| | Styrene | 0.002 | | 0.01 |
| | Toluene | 0.002 | | 0.01 |

# EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

| Emission Pt. | Pollutant | Avg lb/hr | Max lb/hr | Tons/Year |
|---|---|---|---|---|
| EQT 0104 LELA/CT-34E | Xylene (mixed isomers) | 0.002 | | 0.01 |
| | n-Hexane | 0.002 | | 0.01 |
| EQT 0105 LELA/CT-34W | 1,3-Butadiene | 0.002 | | 0.01 |
| | 2,2,4-Trimethylpentane | 0.002 | | 0.01 |
| | Benzene | 0.002 | | 0.01 |
| | Biphenyl | 0.002 | | 0.01 |
| | Cresol | 0.002 | | 0.01 |
| | Cumene | 0.002 | | 0.01 |
| | Ethyl benzene | 0.002 | | 0.01 |
| | Hydrogen sulfide | 0.002 | | 0.01 |
| | Methanol | 0.002 | | 0.01 |
| | Methyl ethyl ketone | 0.002 | | 0.01 |
| | Methyl isobutyl ketone | 0.002 | | 0.01 |
| | Styrene | 0.002 | | 0.01 |
| | Toluene | 0.002 | | 0.01 |
| | Xylene (mixed isomers) | 0.002 | | 0.01 |
| | n-Hexane | 0.002 | | 0.01 |
| EQT 0114 SPEC/WW | 1,3-Butadiene | 0.002 | | 0.01 |
| | 2,2,4-Trimethylpentane | 0.002 | | 0.01 |
| | Benzene | 0.002 | | 0.01 |
| | Biphenyl | 0.002 | | 0.01 |
| | Cresol | 0.002 | | 0.01 |
| | Cumene | 0.002 | | 0.01 |
| | Ethyl benzene | 0.002 | | 0.01 |
| | Hydrogen sulfide | 0.002 | | 0.01 |
| | Methanol | 0.002 | | 0.01 |
| | Methyl ethyl ketone | 0.002 | | 0.01 |
| | Methyl isobutyl ketone | 0.002 | | 0.01 |
| | Styrene | 0.002 | | 0.01 |
| | Toluene | 0.002 | | 0.01 |
| | Xylene (mixed isomers) | 0.002 | | 0.01 |
| | n-Hexane | 0.002 | | 0.01 |
| FUG 0005 SPEC/FUG | 1,3-Butadiene | 0.002 | | 0.01 |

# EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

| Emission Pt. | Pollutant | Avg lb/hr | Max lb/hr | Tons/Year |
|---|---|---|---|---|
| FUG 0005<br>SPEC/FUG | 2,2,4-Trimethylpentane | 0.002 | | 0.01 |
| | Benzene | 0.01 | | 0.06 |
| | Biphenyl | 0.03 | | 0.15 |
| | Cresol | 0.002 | | 0.01 |
| | Cumene | 0.01 | | 0.03 |
| | Ethyl benzene | 0.20 | | 0.87 |
| | Hydrogen sulfide | 0.07 | | 0.30 |
| | Methanol | 1.10 | | 4.81 |
| | Methyl ethyl ketone | 18.52 | | 81.12 |
| | Methyl isobutyl ketone | 9.16 | | 40.13 |
| | Styrene | 0.002 | | 0.01 |
| | Toluene | 0.04 | | 0.15 |
| | Xylene (mixed isomers) | 0.14 | | 0.63 |
| | n-Hexane | 0.08 | | 0.36 |
| UNF 0001<br>UNF | 1,3-Butadiene | | | 0.05 |
| | 2,2,4-Trimethylpentane | | | 0.05 |
| | Benzene | | | 0.10 |
| | Biphenyl | | | 0.19 |
| | Cresol | | | 0.05 |
| | Cumene | | | 0.07 |
| | Ethyl benzene | | | 0.91 |
| | Hydrogen sulfide | | | 0.34 |
| | Methanol | | | 9.44 |
| | Methyl ethyl ketone | | | 427.43 |
| | Methyl isobutyl ketone | | | 210.14 |
| | Naphthalene | | | 0.42 |
| | Styrene | | | 0.05 |
| | Toluene | | | 0.19 |
| | Xylene (mixed isomers) | | | 0.67 |
| | n-Hexane | | | 0.40 |

**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.**

# EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

LDEQ-EDMS Document 44253281, Page 61 of 311

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## EQT 0101 KDLA/D402 - Condensable Blowdown Drum

| | | |
|---|---|---|
| 1 | [40 CFR 63.645(f)] | Determine the TOC mass flow rate by the procedures specified in 40 CFR 63.645(f)(1) through (f)(5), if seeking to demonstrate that a process vent TOC mass flow rate is less than 33 kilograms per day for an existing source or less than 6.8 kilograms per day for a new source in accordance with the Group 2 process vent definition of 40 CFR 63 Subpart CC. Subpart CC. [40 CFR 63.645(f)] |
| 2 | [40 CFR 63.645(h)] | Recalculate the TOC emission rate, as necessary, whenever process changes are made to determine whether the vent is in Group 1 or Group 2. Subpart CC. [40 CFR 63.645(h)] |
| 3 | [40 CFR 63.645(i)] | Conduct a compliance determination for visible emissions within 150 days of the compliance date using Method 22 of 40 CFR part 60, appendix A, to determine visible emissions. Subpart CC. [40 CFR 63.645(i)] |
| 4 | [LAC 33:III.2115.K] | Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. |

## EQT 0114 SPEC/WW - Specialties Complex Catch Basins and Sewer Vents

| | | |
|---|---|---|
| 5 | [40 CFR 61.342(b)] | Comply with the requirements of 40 CFR 61.342(c) through (h) no later than 90 days following the effective date, unless a waiver of compliance has been obtained under 40 CFR 61.11, or by the initial startup for a new source with an initial startup after the effective date. Subpart FF. [40 CFR 61.342(b)] |
| 6 | [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. Subpart FF. |
| 7 | [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. |
| 8 | [40 CFR 61.357(a)] | Submit report: Due within 90 days after January 7, 1993. Submit a report that summarizes the regulatory status of each waste stream subject to 40 CFR 61.342 and is determined by the procedures specified in 40 CFR 61.355(c) to contain benzene. Include the information specified in 40 CFR 61.357(a)(1) through (a)(4). If there is no benzene onsite in wastes, products, by-products, or intermediates, submit an initial report that is a statement to this effect. Subpart FF. [40 CFR 61.357(a)] |
| 9 | [LAC 33:III.5109.A.1] | Compliance with NESHAP 40 CFR 61 Subpart FF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2. |

## EQT 0167 LELA/TK0530 - Tank

| | | |
|---|---|---|
| 10 | [40 CFR 63.123(a)] | Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. [40 CFR 63.123(a)] |
| 11 | [40 CFR 63.646(b)(1)] | Permittee may use good engineering judgement or test results to determine the stored liquid weight percent total organic HAP for purposes of group determination. Data, assumptions, and procedures in the determination shall be documented. Subpart CC. [40 CFR 63.646(b)(1)] |
| 12 | [40 CFR 63.654(g)(7)(ii)] | If a performance test for determination of compliance for a new emission point subject to this subpart or for an emission point that has changed from Group 2 to Group 1 is conducted during the period covered by Periodic Report, the results of the performance test shall be included in the Periodic Report. The complete test report shall be maintained onsite. Subpart CC. [40 CFR 63.654(g)(7)(ii)] |

LDEQ-EDMS Document 44253281, Page 62 of 311

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## EQT 0167 LELA/TK0530 - Tank

| | | |
|---|---|---|
| 13 | [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)] |
| 14 | [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)] |

## EQT 0168 LELA/TK0531 - Tank

| | | |
|---|---|---|
| 15 | [40 CFR 63.123(a)] | Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. [40 CFR 63.123(a)] |
| 16 | [40 CFR 63.646(b)(1)] | Permittee may use good engineering judgement or test results to determine the stored liquid weight percent total organic HAP for purposes of group determination. Data, assumptions, and procedures in the determination shall be documented. Subpart CC. [40 CFR 63.646(b)(1)] |
| 17 | [40 CFR 63.654(g)(7)(ii)] | If a performance test for determination of compliance for a new emission point subject to this subpart or for an emission point that has changed from Group 2 to Group 1 is conducted during the period covered by Periodic Report, the results of the performance test shall be included in the Periodic Report. The complete test report shall be maintained onsite. Subpart CC. [40 CFR 63.654(g)(7)(ii)] |
| 18 | [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)] |
| 19 | [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)] |

## EQT 0293 WCPLX/TK0806 - Tank

| | | |
|---|---|---|
| 20 | [40 CFR 63.123(a)] | Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. [40 CFR 63.123(a)] |
| 21 | [40 CFR 63.646(b)(1)] | Permittee may use good engineering judgement or test results to determine the stored liquid weight percent total organic HAP for purposes of group determination. Data, assumptions, and procedures in the determination shall be documented. Subpart CC. [40 CFR 63.646(b)(1)] |
| 22 | [40 CFR 63.654(g)(7)(ii)] | If a performance test for determination of compliance for a new emission point subject to this subpart or for an emission point that has changed from Group 2 to Group 1 is conducted during the period covered by Periodic Report, the results of the performance test shall be included in the Periodic Report. The complete test report shall be maintained onsite. Subpart CC. [40 CFR 63.654(g)(7)(ii)] |
| 23 | [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)] |
| 24 | [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)] |

## FUG 0005 SPEC/FUG - Specialties Complex Fugitive Emissions

| | | |
|---|---|---|
| 25 | [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. |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## FUG 0005 SPEC/FUG - Specialties Complex Fugitive Emissions

| | | |
|---|---|---|
| 26 | [LAC 33:III.501] | Comply with 40 CFR 60 Subpart GGG by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with Louisiana MACT for Refineries. See Part 70 Specific Conditions in Appendix A. |
| 27 | [LAC 33:III.501] | Comply with LAC 33:III.2122 by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with Louisiana MACT for Refineries. See Part 70 Specific Conditions in Appendix A. |
| 28 | [LAC 33:III.501] | 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 Conditions in Appendix A. |
| 29 | [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 LA Refinery MACT dated July 26, 1994 (see Appendix A). |
| 30 | [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. |
| 31 | [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. |
| 32 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 33 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 34 | [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). |
| 35 | [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. |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## FUG 0005 SPEC/FUG - Specialties Complex Fugitive Emissions

| | | |
|---|---|---|
| 36 | [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).<br>Which Months: All Year Statistical Basis: None specified |
| 37 | [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). |
| 38 | [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). |
| 39 | [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). |
| 40 | [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. |
| 41 | [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). |
| 42 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 43 | [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). |
| 44 | [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. |
| 45 | [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. |
| 46 | [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. |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## FUG 0005 SPEC/FUG - Specialties Complex Fugitive Emissions

| | | |
|---|---|---|
| 47 | [LAC 33:III.5109.A] | Pumps in light liquid service (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency, as specified in Subparagraph D.6 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor pump as often as practicable and at least monthly. Comply with this requirement instead of the weekly visual inspection requirements in Paragraphs D.1.b and D.4.d, and the daily requirements in Paragraph D.4.e.i.<br>Which Months: All Year Statistical Basis: None specified |
| 48 | [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). |
| 49 | [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). |
| 50 | [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. |
| 51 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 52 | [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). |
| 53 | [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). |
| 54 | [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). |
| 55 | [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.<br>Which Months: All Year Statistical Basis: None specified |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## FUG 0005 SPEC/FUG - Specialties Complex Fugitive Emissions

| | | |
|---|---|---|
| 56 | [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). |
| 57 | [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). |
| 58 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 59 | [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. |
| 60 | [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). |
| 61 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 62 | [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. |
| 63 | [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. |
| 64 | [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). |
| 65 | [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). |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## FUG 0005 SPEC/FUG - Specialties Complex Fugitive Emissions

| | | |
|---|---|---|
| 66 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 67 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 68 | [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). |
| 69 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 70 | [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. |
| 71 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 72 | [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). |
| 73 | [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). |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## FUG 0005 SPEC/FUG - Specialties Complex Fugitive Emissions

| | | |
|---|---|---|
| 74 | [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. |
| 75 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 76 | [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. |
| 77 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 78 | [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. |
| 79 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 80 | [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.<br>Which Months: All Year Statistical Basis: None specified |
| 81 | [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. |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## FUG 0005 SPEC/FUG - Specialties Complex Fugitive Emissions

82 [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

83 [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

84 [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

85 [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).

86 [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

87 [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

88 [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

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## FUG 0005 SPEC/FUG - Specialties Complex Fugitive Emissions

| | | |
|---|---|---|
| 89 | [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. |
| 90 | [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). |
| 91 | [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 |
| 92 | [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). |
| 93 | [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). |

## GRP 0045 GRP045 - Group of 117 Tanks For Regulations Only

**Group Members:** EQT 0158 EQT 0159 EQT 0160 EQT 0164 EQT 0165 EQT 0166 EQT 0169 EQT 0170 EQT 0172 EQT 0173 EQT 0176 EQT 0177 EQT 0178 EQT 0179 EQT 0180 EQT 0181 EQT 0182 EQT 0183 EQT 0184 EQT 0185 EQT 0186 EQT 0187 EQT 0188 EQT 0189 EQT 0190 EQT 0191 EQT 0192 EQT 0194 EQT 0195 EQT 0196 EQT 0197 EQT 0198 EQT 0199 EQT 0200 EQT 0201 EQT 0202 EQT 0203 EQT 0204 EQT 0205 EQT 0206 EQT 0207 EQT 0208 EQT 0209 EQT 0210 EQT 0211 EQT 0212 EQT 0213 EQT 0214 EQT 0215 EQT 0216 EQT 0217 EQT 0218 EQT 0219 EQT 0220 EQT 0266 EQT 0267 EQT 0268 EQT 0269 EQT 0270 EQT 0271 EQT 0272 EQT 0273 EQT 0274 EQT 0275 EQT 0276 EQT 0277 EQT 0278 EQT 0279 EQT 0281 EQT 0282 EQT 0283 EQT 0284 EQT 0285 EQT 0286 EQT 0287 EQT 0288 EQT 0289 EQT 0290 EQT 0291 EQT 0292 EQT 0295 EQT 0221 EQT 0224 EQT 0225 EQT 0226 EQT 0227 EQT 0229 EQT 0230 EQT 0231 EQT 0233 EQT 0234 EQT 0235 EQT 0236 EQT 0237 EQT 0238 EQT 0239 EQT 0240 EQT 0241 EQT 0242 EQT 0243 EQT 0244 EQT 0245 EQT 0246 EQT 0247 EQT 0249 EQT 0250 EQT 0251 EQT 0252 EQT 0256 EQT 0257 EQT 0258 EQT 0259 EQT 0260 EQT 0261 EQT 0262 EQT 0263 EQT 0264

| | | |
|---|---|---|
| 94 | [40 CFR 63.123(a)] | Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. [40 CFR 63.123(a)] |
| 95 | [40 CFR 63.646(b)(1)] | Permittee may use good engineering judgement or test results to determine the stored liquid weight percent total organic HAP for purposes of group determination. Data, assumptions, and procedures in the determination shall be documented. Subpart CC. [40 CFR 63.646(b)(1)] |
| 96 | [40 CFR 63.654(g)(7)(ii)] | If a performance test for determination of compliance for a new emission point subject to this subpart or for an emission point that has changed from Group 2 to Group 1 is conducted during the period covered by Periodic Report, the results of the performance test shall be included in the Periodic Report. The complete test report shall be maintained onsite. Subpart CC. [40 CFR 63.654(g)(7)(ii)] |

LDEQ-EDMS Document 44253281, Page 71 of 311

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## GRP 0045 GRP045 - Group of 117 Tanks For Regulations Only

| | | |
|---|---|---|
| 97 | [40 CFR 63.654(i)(1)(iv)] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. If a storage vessel is determined to be Group 2 because the weight percent total organic HAP of the stored liquid is less than or equal to 4 percent for existing sources or 2 percent for new sources, a record of any data, assumptions, and procedures used to make this determination shall be retained. Subpart CC. [40 CFR 63.654(i)(1)(iv)] |
| 98 | [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)] |

## GRP 0048 GRP048 - Group of 24 Tanks for Regulations Only

**Group Members:** EQT 0174EQT 0175EQT 0193EQT 0222EQT 0223EQT 0228EQT 0248EQT 0296EQT 0297EQT 0298EQT 0299EQT 0300EQT 0301EQT 0302EQT 0303EQT 0304EQT 0305EQT 0306 EQT 0307EQT 0308EQT 0309EQT 0310EQT 0311EQT 0312EQT 0313EQT 0314

| | | |
|---|---|---|
| 99 | [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)] |
| 100 | [40 CFR 63.123(a)] | Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. [40 CFR 63.123(a)] |
| 101 | [40 CFR 63.646(b)(1)] | Permittee may use good engineering judgement or test results to determine the stored liquid weight percent total organic HAP for purposes of group determination. Data, assumptions, and procedures in the determination shall be documented. Subpart CC. [40 CFR 63.646(b)(1)] |
| 102 | [40 CFR 63.654(g)(7)(ii)] | If a performance test for determination of compliance for a new emission point subject to this subpart or for an emission point that has changed from Group 2 to Group 1 is conducted during the period covered by Periodic Report, the results of the performance test shall be included in the Periodic Report. The complete test report shall be maintained onsite. Subpart CC. [40 CFR 63.654(g)(7)(ii)] |
| 103 | [40 CFR 63.654(i)(1)(iv)] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. If a storage vessel is determined to be Group 2 because the weight percent total organic HAP of the stored liquid is less than or equal to 4 percent for existing sources or 2 percent for new sources, a record of any data, assumptions, and procedures used to make this determination shall be retained. Subpart CC. [40 CFR 63.654(i)(1)(iv)] |
| 104 | [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)] |

## GRP 0094 GRP094 - Group of 3 Cooling Towers for Regulations only

**Group Members:** EQT 0100EQT 0104EQT 0105

| | | |
|---|---|---|
| 105 | [LAC 33:III.1305] | Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. |
| 106 | [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 LA Refinery MACT Determination dated July 26, 1994. |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## GRP 0095 GRP095 - Group of 4 Furnaces (F1, F3, F425 & F451) for Regulations only

Group Members: EQT 0102 EQT 0103 EQT 0106 EQT 0109

| | | |
|---|---|---|
| 107 | [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)]<br>Which Months: All Year Statistical Basis: Three-hour rolling average |
| 108 | [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)]<br>Which Months: All Year Statistical Basis: None specified |
| 109 | [40 CFR 60.105(e)(3)(ii)] | For the purpose of reports under §60.7(c), periods of excess emissions that shall be determined and reported are defined as follows: all rolling 3-hour periods during which the average concentration of H2S as measured by the H2S continuous monitoring system under §60.105(a)(4) exceeds 230 mg/dscm (0.10 gr/dscf). [40 CFR 60.105(e)(3)(ii)] |
| 110 | [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)] |
| 111 | [40 CFR 60.106] | Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J. |
| 112 | [40 CFR 60.107(f)] | Permittee shall submit the reports required under this subpart to the Administrator semiannually for each six-month period. All semiannual reports shall be postmarked by the 30th day following the end of each six-month period. [40 CFR 60.107(f)] |
| 113 | [40 CFR 60.107(g)] | Permittee shall submit a signed statement certifying the accuracy and completeness of the information contained in the report. [40 CFR 60.107(g)] |
| 114 | [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 (Complies by using sweet natural gas as fuel).<br>Which Months: All Year Statistical Basis: None specified |
| 115 | [LAC 33:III.1313.C] | Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).<br>Which Months: All Year Statistical Basis: None specified |
| 116 | [LAC 33:III.2201.E.1.a] | Establish an emission factor for each applicable affected point source such that if each affected point sources was operated at its averaging capacity, the cumulative emission factor in pounds NOx/MMBtu from all point sources in the averaging group would not exceed the facility-wide emission factor. Use the equations in LAC 33:III.2201.E.a to calculate the cumulative emission rate and the facility-wide emission factor. |
| 117 | [LAC 33:III.2201.E.1.c] | Demonstrate compliance with the facility-wide averaging plan using either the method in LAC 33:III.2201.E.1.c.i or the method in LAC 33:III.2201.E.1.c.ii. |
| 118 | [LAC 33:III.2201.E.1.d] | Include in the submitted plan a description of the actions that will be taken if any under-controlled unit is operated at more than 10 percent above its averaging capacity. |
| 119 | [LAC 33:III.2201.E.1.i] | Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Carry out recordkeeping that includes, but is not limited to, a record of the data on which the determination of each point source's hourly, daily, or 30-day, as appropriate, compliance with the facility-wide averaging plan is based. |
| 120 | [LAC 33:III.2201.E.1] | Comply with the facility-wide averaging plan as approved by DEQ. |
| 121 | [LAC 33:III.2201.E.1] | Submit a request for approval to use a facility-wide averaging plan, that includes the details of the plan, to DEQ either separately or with the permit application or in the optional compliance plan described in LAC 33:III.2201.F.7. |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## GRP 0095 GRP095 - Group of 4 Furnaces (F1, F3, F425 & F451) for Regulations only

| | | |
|---|---|---|
| 122 | [LAC 33:III.2201.H.2.a.i] | Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter.<br>Which Months: May-Sep Statistical Basis: None specified |
| 123 | [LAC 33:III.2201.H.2.a.ii] | Oxygen monitored by the regulation's specified method(s) continuously. Monitor oxygen concentration with an oxygen monitor.<br>Which Months: May-Sep Statistical Basis: None specified |
| 124 | [LAC 33:III.2201.H.2.a.iii] | Operate the process heater/furnace within the fuel and oxygen limits established during the initial compliance run. |
| 125 | [LAC 33:III.2201.I.1] | Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing. |
| 126 | [LAC 33:III.2201.I.1] | Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1. |
| 127 | [LAC 33:III.2201.I.2] | Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d. |
| 128 | [LAC 33:III.2201.J] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable. |
| 129 | [LAC 33:III.2201.J.2] | Complete required testing to demonstrate the performance of existing, unmodified equipment in a timely manner, but by no later than November 1, 2005, except as provided in LAC 33:III.2202. |

## GRP 0096 GRP096 - Group of 4 Furnaces (F1NX, F301, F150 & F4) for Regulations only

**Group Members: EQT 0108EQT 0110EQT 0115EQT 0171**

| | | |
|---|---|---|
| 130 | [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)]<br>Which Months: All Year Statistical Basis: Three-hour rolling average |
| 131 | [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)]<br>Which Months: All Year Statistical Basis: None specified |
| 132 | [40 CFR 60.105(e)(3)(ii)] | For the purpose of reports under §60.7(c), periods of excess emissions that shall be determined and reported are defined as follows: all rolling 3-hour periods during which the average concentration of H2S as measured by the H2S continuous monitoring system under §60.105(a)(4) exceeds 230 mg/dscm (0.10 gr/dscf). [40 CFR 60.105(e)(3)(ii)] |
| 133 | [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)] |
| 134 | [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. |
| 135 | [40 CFR 60.107(f)] | Permittee shall submit the reports required under this subpart to the Administrator semiannually for each six-month period. All semiannual reports shall be postmarked by the 30th day following the end of each six-month period. [40 CFR 60.107(f)] |
| 136 | [40 CFR 60.107(g)] | Permittee shall submit a signed statement certifying the accuracy and completeness of the information contained in the report. [40 CFR 60.107(g)] |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## GRP 0096 GRP096 - Group of 4 Furnaces (F1NX, F301, F150 & F4) for Regulations only

| | | |
|---|---|---|
| 137 | [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 (Complies by using sweet natural gas as fuel).<br>Which Months: All Year Statistical Basis: None specified |
| 138 | [LAC 33:III.1313.C] | Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).<br>Which Months: All Year Statistical Basis: None specified |

## GRP 0097 GRP097 - KDLA/TK0537(Normal) & TK0538(Normal)

Group Members: EQT 0159 EQT 0160

| | | |
|---|---|---|
| 139 | [40 CFR 63.123(a)] | Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. [40 CFR 63.123(a)] |
| 140 | [40 CFR 63.646(b)(1)] | Permittee may use good engineering judgement or test results to determine the stored liquid weight percent total organic HAP for purposes of group determination. Data, assumptions, and procedures in the determination shall be documented. Subpart CC. [40 CFR 63.646(b)(1)] |
| 141 | [40 CFR 63.654(g)(7)(ii)] | If a performance test for determination of compliance for a new emission point subject to this subpart or for an emission point that has changed from Group 2 to Group 1 is conducted during the period covered by Periodic Report, the results of the performance test shall be included in the Periodic Report. The complete test report shall be maintained onsite. Subpart CC. [40 CFR 63.654(g)(7)(ii)] |
| 142 | [40 CFR 63.654(i)(1)(iv)] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. If a storage vessel is determined to be Group 2 because the weight percent total organic HAP of the stored liquid is less than or equal to 4 percent for existing sources or 2 percent for new sources, a record of any data, assumptions, and procedures used to make this determination shall be retained. Subpart CC. [40 CFR 63.654(i)(1)(iv)] |
| 143 | [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)] |
| 144 | [LAC 33:III.507.G.5] | Alternate Operating Scenario: Operating plan recordkeeping by logbook each occurrence of making a change from one operating scenario to another. Record the operating scenario under which the facility is currently operating. Include in this record the identity of the sources involved, the permit number under which the scenario is included, and the date of change. Keep a copy of the log on site for at least two years. |

## GRP 0098 GRP098 - KDLA/TK0705(Normal) & TK0838(Normal)

Group Members: EQT 0161 EQT 0162

| | | |
|---|---|---|
| 145 | [40 CFR 63.120(d)(1)] | Prepare a design evaluation, which includes the information specified in 40 CFR 63.120(d)(1)(i), or submit the results of a performance test as described in 40 CFR 63.120(d)(1)(ii). Subpart G. [40 CFR 63.120(d)(1)] |
| 146 | [40 CFR 63.148(b)(3)] | Fixed roof, cover, or enclosure: Presence of a leak monitored by visual, audible, and/or olfactory once initially and once every six months as specified in 40 CFR 63.133 through 63.137. Subpart G. [40 CFR 63.148(b)(3)]<br>Which Months: All Year Statistical Basis: None specified |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## GRP 0098 GRP098 - KDLA/TK0705(Normal) & TK0838(Normal)

| | | |
|---|---|---|
| 147 | [40 CFR 63.148(d)] | Repair leaks (as indicated by an instrument reading greater than 500 ppm above background or by visual inspections) as soon as practicable, except as provided in 40 CFR 63.148(e). Make a first attempt at repair no later than 5 calendar days after the leak is detected. Complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.148(d)(3). Subpart G. [40 CFR 63.148(d)] |
| 148 | [40 CFR 63.148(i)] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.148(i)(1) through (i)(6). Subpart G. [40 CFR 63.148(i)] |
| 149 | [40 CFR 63.148(j)] | Submit the information specified in 40 CFR 63.148(j)(1) through (j)(3) with the reports required by 40 CFR 63.182(b) of subpart H or 40 CFR 63.152(c). Subpart G. [40 CFR 63.148(j)] |
| 150 | [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)] |
| 151 | [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)] |
| 152 | [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)] |
| 153 | [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)] |
| 154 | [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)] |
| 155 | [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)] |
| 156 | [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)] |
| 157 | [LAC 33:III.2103.E.1] | VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.<br>Which Months: All Year Statistical Basis: None specified |
| 158 | [LAC 33:III.2103.E] | Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. |
| 159 | [LAC 33:III.2103.H.3] | Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. |
| 160 | [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. |
| 161 | [LAC 33:III.507.G.5] | Alternate Operating Scenario: Operating plan recordkeeping by logbook each occurrence of making a change from one operating scenario to another. Record the operating scenario under which the facility is currently operating. Include in this record the identity of the sources involved, the permit number under which the scenario is included, and the date of change. Keep a copy of the log on site for at least two years. |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## GRP 0098 GRP098 - KDLA/TK0705(Normal) & TK0838(Normal)

| | | |
|---|---|---|
| 162 | [LAC 33:III.5109.A.1] | Compliance with NESHAP 40 CFR 63 Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2. |

## SCN 0003 SCN003 - KDLA/TK0537(ALTSC1), TK0538(ALTSC1), TK0705(ALTSC1) & TK0838(ALTSC1)

**Group Members: EQT 0704EQT 0705EQT 0706EQT 0707**

| | | |
|---|---|---|
| 163 | [40 CFR 63.120(d)(1)] | Prepare a design evaluation, which includes the information specified in 40 CFR 63.120(d)(1)(i), or submit the results of a performance test as described in 40 CFR 63.120(d)(1)(ii). Subpart G. [40 CFR 63.120(d)(1)] |
| 164 | [40 CFR 63.148(b)(3)] | Fixed roof, cover, or enclosure: Presence of a leak monitored by visual, audible, and/or olfactory once initially and once every six months as specified in 40 CFR 63.133 through 63.137. Subpart G. [40 CFR 63.148(b)(3)]<br>Which Months: All Year Statistical Basis: None specified |
| 165 | [40 CFR 63.148(d)] | Repair leaks (as indicated by an instrument reading greater than 500 ppm above background or by visual inspections) as soon as practicable, except as provided in 40 CFR 63.148(e). Make a first attempt at repair no later than 5 calendar days after the leak is detected. Complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.148(d)(3). Subpart G. [40 CFR 63.148(d)] |
| 166 | [40 CFR 63.148(i)] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.148(i)(1) through (i)(6). Subpart G. [40 CFR 63.148(i)] |
| 167 | [40 CFR 63.148(j)] | Submit the information specified in 40 CFR 63.148(j)(1) through (j)(3) with the reports required by 40 CFR 63.182(b) of subpart H or 40 CFR 63.152(c). Subpart G. [40 CFR 63.148(j)] |
| 168 | [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)] |
| 169 | [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)] |
| 170 | [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)] |
| 171 | [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)] |
| 172 | [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)] |
| 173 | [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)] |
| 174 | [40 CFR 63.654(i)(1)] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 63.123 of 40 CFR 63 Subpart G, except as specified in 40 CFR 63.654(i)(1)(i) through (i)(1)(iv). Subpart CC. [40 CFR 63.654(i)(1)] |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## SCN 0003 SCN003 - KDLA/TK0537(ALTSC1), TK0538(ALTSC1), TK0705(ALTSC1) & TK0838(ALTSC1)

| | | |
|---|---|---|
| 175 | [LAC 33:III.2103.E.1] | VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year.<br>Which Months: All Year Statistical Basis: None specified |
| 176 | [LAC 33:III.2103.E] | Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place. |
| 177 | [LAC 33:III.2103.H.3] | Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. |
| 178 | [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. |
| 179 | [LAC 33:III.507.G.5] | Alternate Operating Scenario: Operating plan recordkeeping by logbook each occurrence of making a change from one operating scenario to another. Record the operating scenario under which the facility is currently operating. Include in this record the identity of the sources involved, the permit number under which the scenario is included, and the date of change. Keep a copy of the log on site for at least two years. |
| 180 | [LAC 33:III.5109.A.1] | Compliance with NESHAP 40 CFR 63 Subpart CC has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2. |

## UNF 0001 UNF - Entire Facility

| | | |
|---|---|---|
| 181 | [40 CFR 61.145(b)(1)] | Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)] |
| 182 | [40 CFR 61.148] | Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M. |
| 183 | [40 CFR 61.342(d)(2)(i)] | Benzene < 1 Mg/yr (1.1 ton/yr) total quantity. Subpart FF. [40 CFR 61.342(d)(2)(i)]<br>Which Months: All Year Statistical Basis: None specified |
| 184 | [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. Subpart FF. |
| 185 | [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. |
| 186 | [40 CFR 61.357(a)] | Submit report: Due by initial startup. Submit a report that summarizes the regulatory status of each waste stream subject to 40 CFR 61.342 and is determined by the procedures specified in 40 CFR 61.355(c) to contain benzene. Include the information specified in 40 CFR 61.357(a)(1) through (a)(4). If there is no benzene onsite in wastes, products, by-products, or intermediates, submit an initial report that is a statement to this effect. Subpart FF. [40 CFR 61.357(a)] |
| 187 | [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)] |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## UNF 0001 UNF - Entire Facility

| | | |
|---|---|---|
| 188 | [40 CFR 61.] | All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A. |
| 189 | [40 CFR 63.7900(b)(1)] | Use controls according to the standards for Container Level 1 controls as specified in 40 CFR 63.922, except at the times the container is used for treatment of remediation by a waste stabilization process, as defined in 40 CFR 63.7957. Subpart GGGGG. [40 CFR 63.7900(b)(1)] |
| 190 | [40 CFR 63.7900(b)(1)] | Use controls according to either of the standards for Container Level 2 controls as specified in 40 CFR 63.923, except at the times the container is used for treatment of remediation by a waste stabilization process, as defined in 40 CFR 63.7957. Subpart GGGGG. [40 CFR 63.7900(b)(1)] |
| 191 | [40 CFR 63.7900(b)(2)] | Use controls according to the standards for Container Level 2 controls as specified in 40 CFR 63.923, except at the times the container is used for treatment of remediation by a waste stabilization process, as defined in 40 CFR 63.7957. Subpart GGGGG. [40 CFR 63.7900(b)(2)] |
| 192 | [40 CFR 63.7900(b)(3)] | Use controls according to the standards for Container Level 1 controls as specified in 40 CFR 63.922, except at the times the container is used for treatment of remediation by a waste stabilization process, as defined in 40 CFR 63.7957. Subpart GGGGG. [40 CFR 63.7900(b)(3)] |
| 193 | [40 CFR 63.7901(a)] | Demonstrate initial compliance with the applicable emissions limitations and work practice standards in 40 CFR 63.7990 by meeting the requirements in 40 CFR 63.7901(b) through (e), as applicable. Subpart GGGGG. [40 CFR 63.7901(a)] |
| 194 | [40 CFR 63.7902(a)] | Equipment/operational data monitored by visual inspection/determination once initially and annually. Inspect container according to the requirements in 40 CFR 63.926(a). Subpart GGGGG. [40 CFR 63.7902(a)]<br>Which Months: All Year Statistical Basis: None specified |
| 195 | [40 CFR 63.7903(a)] | Demonstrate continuous compliance with the applicable emissions limitations and work practice standards in 40 CFR 63.7990 by meeting the requirements in 40 CFR 63.7903(b) through (e), as applicable. Subpart GGGGG. [40 CFR 63.7903(a)] |
| 196 | [40 CFR 63.7935(a)] | Comply with the emission limitations (including operating limits) and the work practice standards in 40 CFR 63 Subpart GGGGG at all times, except during periods of startup, shutdown, and malfunction. Subpart GGGGG. [40 CFR 63.7935(a)] |
| 197 | [40 CFR 63.7935(b)] | Operate and maintain facility, including air pollution control and monitoring equipment, according to the provisions in 40 CFR 63.6(e)(1)(i). Subpart GGGGG. [40 CFR 63.7935(b)] |
| 198 | [40 CFR 63.7935(c)] | Develop a written startup, shutdown, and malfunction plan (SSMP) according to the provisions in 40 CFR 63.6(e)(3). Subpart GGGGG. [40 CFR 63.7935(c)] |
| 199 | [40 CFR 63.7935(g)] | Develop and make available for inspection by DEQ, upon request, a site-specific monitoring plan that addresses the information specified in 40 CFR 63.7935(g) and (h), for each monitoring system required in 40 CFR 63.7935. Subpart GGGGG. [40 CFR 63.7935(g)] |
| 200 | [40 CFR 63.7935(i)] | Operate and maintain the continuous monitoring system according to the site-specific monitoring plan. Subpart GGGGG. [40 CFR 63.7935(i)] |
| 201 | [40 CFR 63.7935(j)] | Conduct a performance evaluation of each continuous monitoring system according to the site-specific monitoring plan. Subpart GGGGG. [40 CFR 63.7935(j)] |
| 202 | [40 CFR 63.7936(a)] | Transfer the remediation material to a facility that meets the requirements in 40 CFR 63.7936(b). Record the name, street address, and telephone number of the facility where the remediation material is sent. Subpart GGGGG. [40 CFR 63.7936(a)] |
| 203 | [40 CFR 63.7936(b)(3)(i)] | Prepare and include a notice with each shipment or transport of remediation material from the site. Ensure that this notice states that the remediation material contains organic HAP that are to be treated according to the provisions of 40 CFR 63 Subpart GGGGG. When the transport is continuous or ongoing, submit the notice to the receiving facility owner or operator initially and whenever there is a change in the required treatment. Subpart GGGGG. [40 CFR 63.7936(b)(3)(i)] |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## UNF 0001 UNF - Entire Facility

| | | |
|---|---|---|
| 204 | [40 CFR 63.7936(b)(3)(ii)] | Do not transfer remediation material unless the owner or operator of the facility receiving your remediation material has submitted to the EPA a written certification that he or she will manage remediation material received from you according to the requirements of 40 CFR 63.7885 through 63.7957. Subpart GGGGG. [40 CFR 63.7936(b)(3)(ii)] |
| 205 | [40 CFR 63.7937(a)] | Demonstrate initial compliance with the applicable general standards in 40 CFR 63.7884 through 63.7887 by meeting the requirements in 40 CFR 63.7937(b) through (d), as applicable. Subpart GGGGG. [40 CFR 63.7937(a)] |
| 206 | [40 CFR 63.7938(a)] | Demonstrate continuous compliance with the applicable general standards in 40 CFR 63.7884 through 63.7887 by meeting the requirements in 40 CFR 63.7938(b) through (d), as applicable. Subpart GGGGG. [40 CFR 63.7938(a)] |
| 207 | [40 CFR 63.7941] | Conduct a performance test or design evaluation to demonstrate initial compliance with the emission limits in 40 CFR 63 Subpart GGGGG using the methods and procedures specified in 40 CFR 63.7941(b) through (m), as applicable. Subpart GGGGG. |
| 208 | [40 CFR 63.7950(a)] | Submit all of the applicable notifications in 40 CFR 63.7(b) and (c), 63.8(e), 63.8(f)(4) and (6), and 63.9(b) through (h), as specified in 40 CFR 63.7950. Subpart GGGGG. [40 CFR 63.7950(a)] |
| 209 | [40 CFR 63.7951(c)] | Submit immediate startup, shutdown, and malfunction report: Due according to the requirements of 40 CFR 63.10(d)(5)(ii) if there was a startup, shutdown, or malfunction during the semiannual reporting period that was not consistent with the startup, shutdown, and malfunction plan. Subpart GGGGG. [40 CFR 63.7951(c)] |
| 210 | [40 CFR 63.7951] | Submit compliance status report: Due semiannually, by the 31st of January and July. Include the information specified in 40 CFR 63.7951(b)(1) through (b)(3) and, as applicable, (b)(4) through (b)(9). Subpart GGGGG. |
| 211 | [40 CFR 63.7952] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.7952(a) through (d), as applicable. Subpart GGGGG. |
| 212 | [40 CFR 63.7953(a)] | Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep files of all information (including all reports and notifications) for 5 years following the date of each occurrence, measurement, maintenance, action taken to correct the cause of a deviation, report, or record, as specified in 40 CFR 63.10(b)(1). Keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, correction action, report, or record, according to 40 CFR 63.10(b)(1). Records may be kept off-site for the remaining 3 years. Subpart GGGGG. [40 CFR 63.7953(a)] |
| 213 | [40 CFR 63.] | All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A. |
| 214 | [40 CFR 68.150] | Submit Risk Management Plan as required by the regulation by June 21, 1999. Risk Management Plan was submitted by June 21, 1999. |
| 215 | [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. |
| 216 | [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. |
| 217 | [LAC 33:III.2139.A] | Control emissions of VOC from steam jet ejectors and mechanical pumps by one of the applicable methods specified in LAC 33:III.2115.A, B, and F. Determine compliance and keep records as specified in LAC 33:III.2115.I, J, and K. |
| 218 | [LAC 33:III.2141.A] | Keep records and determine compliance as specified in LAC 33:III.2115.I, J, and K. |
| 219 | [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. |

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## UNF 0001 UNF - Entire Facility

| | | |
|---|---|---|
| 220 | [LAC 33:III.2151.C.1] | Conduct a three-month intensive study of solvent types and usage. |
| 221 | [LAC 33:III.2151.C.2] | Utilize accounting on a unit operation system. |
| 222 | [LAC 33:III.2151.C.3] | Submit plan: Due within 12 months after promulgation of LAC 33:III.2151. Submit plans to DEQ for reducing VOC emissions from solvent usage. Alternatively, report the controls and/or work practices deemed to be MACT that have been adopted to reduce VOC emissions from solvent cleanup operation. |
| 223 | [LAC 33:III.2151.D] | Compare the cleaning effectiveness of solvents and other cleaners using ASTM Method D-4828, "Standard Test Method for Practical Washability of Organic Coatings" |
| 224 | [LAC 33:III.2151.E] | VOC, Total recordkeeping by electronic or hard copy monthly. Calculate and record the net VOC emissions from usage of solvents. |
| 225 | [LAC 33:III.2151.E] | Submit notification: Due annually. Report the net VOC emissions from solvent usage. Also report solvent reduction progress, based on product output or other suitable basis approved by DEQ, or alternately, report the controls and/or work practices deemed to be MACT that have been adopted to reduce VOC emissions from solvent cleanup operations. |
| 226 | [LAC 33:III.2151.F] | Comply with the requirements of LAC 33:III.2151 as soon as practicable, but in no event later than one year from promulgation of the regulation revision, if the facility has become subject to LAC 33:III.2151 as a result of a revision of the regulation. |
| 227 | [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. |
| 228 | [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. |
| 229 | [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. |
| 230 | [LAC 33:III.501.C.6] | Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. (State Only). |
| 231 | [LAC 33:III.501.C.6] | Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include 1,3-Butadiene, Butene, cis-2-Butene, trans-2-Butene, Ethylene, Propylene. (State Only). |
| 232 | [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. |
| 233 | [LAC 33:III.5107.A] | Submit Annual Emissions Report: 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. |

LDEQ-EDMS Document 44253281, Page 81 of 311

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## UNF 0001 UNF - Entire Facility

| | | |
|---|---|---|
| 234 | [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). |
| 235 | [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. |
| 236 | [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. |
| 237 | [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. |
| 238 | [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. |
| 239 | [LAC 33:III.5151.F.1.f] | An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity. |
| 240 | [LAC 33:III.535] | Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537] |
| 241 | [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. |
| 242 | [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. |
| 243 | [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. |
| 244 | [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. |
| 245 | [LAC 33:III.5901.A] | Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901. |
| 246 | [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. |

LDEQ-EDMS Document 44253281, Page 82 of 311

# SPECIFIC REQUIREMENTS

**AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery**
**Activity Number: PER20090009**
**Permit Number: 2341-V2**
**Air - Title V Regular Permit Renewal**

## UNF 0001 UNF - Entire Facility

| | | |
|---|---|---|
| 247 | [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. |
| 248 | [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. |
| 249 | [LAC 33:III.917.A] | Where, upon written application of the responsible person or persons, the administrative authority finds that by reason of exceptional circumstances strict conformity with any provisions of these regulations would cause undue hardship, would be unreasonable, impractical or not feasible under the circumstances, the administrative authority may permit a variance from these regulations. |
| 250 | [LAC 33:III.917.B] | No variance may permit or authorize the maintenance of a nuisance, or a danger to public health or safety. |
| 251 | [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. |