

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
The Premcor Refining Group Inc.

AUTHORIZING THE OPERATION OF
Valero Port Arthur Refinery
Petroleum Refineries

LOCATED AT
Jefferson County, Texas
Latitude 29° 51' 14" Longitude 93° 57' 57"
Regulated Entity Number: RN102584026

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1498 Issuance Date: _____

For the Commission

Table of Contents

Section	Page
General Terms and Conditions	1
Special Terms and Conditions:	1
Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting.....	1
Additional Monitoring Requirements	13
New Source Review Authorization Requirements	14
Compliance Requirements.....	15
Risk Management Plan	16
Protection of Stratospheric Ozone	17
Alternative Requirements.....	17
Permit Location	17
Permit Shield (30 TAC § 122.148)	17
Attachments	18
Applicable Requirements Summary.....	19
Additional Monitoring Requirements	488
Permit Shield	509
New Source Review Authorization References	519
Alternative Requirement.....	542
Appendix A.....	547
Acronym List	548
Appendix B.....	549

General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts G, Y, CC, UUU, ZZZZ, or DDDDD as identified in the attached Applicable Requirements Summary table are subject to

30 TAC Chapter 113, Subchapter C, §§ 113.120, 113.300, 113.340, 113.780, 113.1090, or 113.1130 respectively, which incorporate the 40 CFR Part 63 Subparts by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable

Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer’s eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the

source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer

visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

- (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
- (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
- (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: "Storage of Volatile Organic Compounds," the permit holder shall comply with the requirements of 30 TAC § 115.112(a)(1).

5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:

A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities specified in 30 TAC Chapter 115, Subchapter C, the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 115.221 (relating to Emission Specifications)
 - (ii) Title 30 TAC § 115.222 (relating to Control Requirements)
 - (iii) Title 30 TAC § 115.223 (relating to Alternate Control Requirements)
 - (iv) Title 30 TAC § 115.224 (relating to Inspection Requirements)
 - (v) Title 30 TAC § 115.225 (relating to Testing Requirements)
 - (vi) Title 30 TAC § 115.226 (relating to Recordkeeping Requirements)
6. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter D requirements:
- A. Title 30 TAC § 115.312(a)(1) (relating to Control Requirements), for emissions during Process Unit Shutdown or Turnaround
 - B. Title 30 TAC § 115.316(a)(2) (relating to Recordkeeping Requirements), for Process Unit Shutdown or Turnaround
7. The permit holder shall comply with the following requirements of 30 TAC Chapter 115, Subchapter F, Division 3, Degassing of Storage Tanks, Transport Vessels and Marine Vessels:
- A. For degassing of stationary VOC storage tanks, the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 115.541(a) - (c) (relating to Emission Specifications)
 - (ii) Title 30 TAC § 115.541(f) (relating to Emission Specifications), for floating roof storage tanks
 - (iii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.
 - (iv) Title 30 TAC § 115.542(b) - (d), (relating to Control Requirements)
 - (v) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)
 - (vi) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections
 - (vii) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring
 - (viii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices
 - (ix) Title 30 TAC § 115.544(b)(2)(A) - (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)
 - (x) Title 30 TAC § 115.544(b)(3), (b)(4) and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring

- (xi) Title 30 TAC § 115.544(c), and (c)(1) - (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)
 - (xii) Title 30 TAC § 115.545(1) - (7), (9) - (11) and (13) (relating to Approved Test Methods)
 - (xiii) Title 30 TAC § 115.546(a), (a)(1) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping
 - (xiv) Title 30 TAC § 115.546(a)(2) and (a)(2)(A) - (J) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)
 - (xv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)
 - (xvi) Title 30 TAC § 115.547(4) (relating to Exemptions)
- B. For the degassing of all transport vessels with a nominal capacity of 8,000 gallons or more, the permit holder shall comply with the following requirements:
- (i) Title 30 TAC § 115.541(a) - (c) and (d) (relating to Emission Specifications)
 - (ii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.
 - (iii) Title 30 TAC § 115.542(b), (c) and (e) (relating to Control Requirements)
 - (iv) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)
 - (v) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections
 - (vi) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring
 - (vii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices
 - (viii) Title 30 TAC § 115.544(b)(2)(A) - (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)
 - (ix) Title 30 TAC § 115.544(b)(3), (b)(4) and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring
 - (x) Title 30 TAC § 115.544(c), and (c)(1) - (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)
 - (xi) Title 30 TAC § 115.545(1) - (11) and (13) (relating to Approved Test Methods)

- (xii) Title 30 TAC § 115.546(a), (a)(1) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping
 - (xiii) Title 30 TAC § 115.546(a)(2) and (a)(2)(A) - (J) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)
 - (xiv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)
8. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
- A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
9. For petroleum refinery facilities subject to 40 CFR Part 60, Subpart QQQ, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 60.692-1(a) - (c) (relating to Standards: General)
 - B. Title 40 CFR § 60.692-2(a) - (c), (e) (relating to Standards: Individual Drain Systems)
 - C. Title 40 CFR § 60.692-6(a) - (b) (relating to Standards: Delay of Repair)
 - D. Title 40 CFR § 60.692-7(a) - (b) (relating to Standards: Delay of Compliance)
 - E. Title 40 CFR § 60.693-1(a) - (d), (e)(1) - (3) (relating to Alternative Standards for Individual Drain Systems)
 - F. Title 40 CFR § 60.697(a), (b)(1) - (3) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems
 - G. Title 40 CFR § 60.697(f)(1) - (2), (g) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems
 - H. Title 40 CFR § 60.697(h) (relating to Recordkeeping Requirements), as applicable to excluded Stormwater Sewer Systems

- I. Title 40 CFR § 60.697(i) (relating to Recordkeeping Requirements), as applicable to excluded Ancillary Equipment
 - J. Title 40 CFR § 60.698(a), and (b)(1) (relating to Reporting Requirements), as applicable to Individual Drain Systems
 - K. Title 40 CFR § 60.698(c) (relating to Reporting Requirements), for water seal breaches in Drain Systems
 - L. Title 40 CFR § 60.698(e) (relating to Reporting Requirements), as applicable to Individual Drain Systems
10. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:
- A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
 - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
 - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
 - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
 - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
 - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
 - G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
 - H. Title 40 CFR § 61.15 (relating to Modification)
 - I. Title 40 CFR § 61.19 (relating to Circumvention)
11. For the benzene transfer operations to and from marine vessels specified in 40 CFR Part 61, Subpart BB, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.302(e) (relating to Standards)
 - B. Title 40 CFR § 61.303(f) (relating to Monitoring Requirements)
 - C. Title 40 CFR § 61.304(f) (relating to Test Methods and Procedures)
 - D. Title 40 CFR § 61.305(g) - (h) (relating to Reporting and Recordkeeping)
12. For facilities where total annual benzene quantity from waste is greater than or equal to 10 megagrams per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.342(c)(1)(i) - (iii) (relating to Standards: General)
 - B. Title 40 CFR § 61.342(e)(1) (relating to Standards: General)
 - C. Title 40 CFR § 61.342(e)(2)(i) - (ii) (relating to Standards: General)

- D. Title 40 CFR § 61.342(f)(1), and (2) (relating to Standards: General)
 - E. Title 40 CFR § 61.342(g) (relating to Standards: General)
 - F. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)
 - G. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions)
 - H. Title 40 CFR § 61.355(k)(1) - (6), and (7)(i) - (iv) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures
 - I. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)
 - J. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)
 - K. Title 40 CFR § 61.356(b)(4) (relating to Recordkeeping Requirements)
 - L. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)
 - M. Title 40 CFR § 61.356(c) (relating to Recordkeeping Requirements)
 - N. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)
 - O. Title 40 CFR § 61.357(d)(5) (relating to Reporting Requirements)
 - P. Waste generated by remediation activities at these facilities are subject to the requirements identified under 40 CFR § 61.342 for treatment and management of waste
13. For facilities with containers subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.345(a)(1) - (3), (b), and (c) (relating to Standards: Containers)
 - B. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
 - C. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
 - D. Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
14. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
15. For the operations pertaining to the loading and unloading of marine tank vessels specified in 40 CFR Part 63, Subpart Y, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.300 incorporated by reference):
- A. Title 40 CFR § 63.560(c) (relating to Designation of Affected Source), for applicability of the General Provisions of Subpart A
 - B. Title 40 CFR § 63.563(a)(4) (relating to Compliance and Performance Testing), for vapor tightness requirements of the marine vessels

- C. Title 40 CFR § 63.564(a)(1) and (d) (relating to Monitoring Requirements)
 - D. Title 40 CFR § 63.565(a) (relating to Test Methods and Procedures), for performance testing requirements
 - E. Title 40 CFR § 63.565(c) (relating to Test Methods and Procedures), for vapor tightness requirements of the marine vessels
 - F. Title 40 CFR § 63.566 (relating to Construction and Reconstruction)
 - G. Title 40 CFR § 63.567(a) - (b) and (h) - (i) (relating to Reporting and Recordkeeping Requirements)
16. For sources subject to emission standards in 40 CFR Part 63, Subpart CC, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.340 incorporated by reference):
- A. Title 40 CFR § 63.640(m) and (m)(1) - (2) (relating to Applicability and Designation of Affected Source), for units and emission points changing from Group 2 to Group 1 status
 - B. Title 40 CFR § 63.642(f) (relating to General Standards), for reporting
 - C. For benzene fenceline monitoring, the permit holder shall comply with the following requirements:
 - (i) Title 40 CFR § 63.658(a) - (k) (relating to Fenceline Monitoring Provisions)
 - (ii) Title 40 CFR § 63.655(h), (h)(8), and (h)(10) (relating to Reporting and Recordkeeping Requirements), for reporting
 - (iii) Title 40 CFR § 63.655(i), (i)(6), and (i)(8) (relating to Reporting and Recordkeeping Requirements), for recordkeeping
 - D. Process wastewater streams managed in a wastewater management unit subject to 40 CFR Part 63, Subpart G shall comply with 40 CFR Part 63, Subpart G and 40 CFR Part 61, Subpart FF as specified in 40 CFR § 63.640(o)(2)(i)
17. The permit holder shall comply with the requirement to prepare and implement an Operations and Maintenance plan in accordance with 40 CFR Part 63, Subpart UUU, § 63.1574(f) (Title 30 TAC Chapter 113, Subchapter C, § 113.780 incorporated by reference).
18. For site remediation projects subject to 40 CFR Part 63, Subpart GGGGG that will remove remediation material containing less than 1 megagram per year of the HAP listed in Table 1 to Subpart GGGGG, the permit holder shall comply with 40 CFR § 63.7881(c)(1) - (3) (Title 30 TAC Chapter 113, Subchapter C, § 113.1160 incorporated by reference).
19. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the

permit holder shall submit a revision application to codify the appropriate requirements in the permit.

20. For benzene fenceline monitoring specified in 40 CFR Part 63, Subpart CC, the permit holder shall comply with the requirements of 40 CFR § 63.658(a) - (k) (Title 30 TAC Chapter 113, Subchapter C, § 113.340 incorporated by reference).

Additional Monitoring Requirements

21. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:
- A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
 - B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
 - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
 - D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7. The permit holder shall calibrate and maintain monitoring devices and instrumentation in accordance with manufacturer's specifications or other written procedures as identified in the "CAM Summary." These specific QA/QC procedures shall be maintained with the site's operation and maintenance (O&M) plan.
 - E. Except for emission units using a CEMS, COMS or PEMS which meets the requirements of 40 CFR § 64.3(d)(2), the permit holder shall conduct a once a month visual, audible, and/or olfactory inspection of the capture system to detect leaking components for any capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions.
 - F. Except for emission units using a CEMS, COMS or PEMS which meets the requirements of 40 CFR § 64.3(d)(2), the permit holder shall comply with either of the following requirements for any bypass of the control device subject to CAM. If the results of the following inspections or monitoring indicate bypass of the control device, the permit holder shall promptly take necessary corrective actions and report a deviation:
 - (i) Install a flow indicator that is capable of recording flow, at least once every fifteen minutes, immediately downstream of each valve that if opened would allow a

vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or

- (ii) Once a month, the permit holder shall inspect the valves checking the position of the valves and the condition of the car seals. Identify all times when the car seal has been broken and the valve position has been changed to allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere.

G. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

22. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. The permit holder shall calibrate and maintain monitoring devices and instrumentation in accordance with manufacturer's specifications or other written procedures as identified in the "Periodic Monitoring Summary." These specific QA/QC procedures shall be maintained with the site's operation and maintenance (O&M) plan. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

23. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated September 12, 2025 in the application for project 33938), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
- A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
24. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
25. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air

contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

26. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
- A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
 - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
 - C. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects

Compliance Requirements

27. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
28. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
- A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
 - (i) For sources in the Beaumont-Port Arthur Nonattainment area, 30 TAC § 117.9000
 - B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.150(c) and (c)(1).
29. Use of Emission Credits to comply with applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
 - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)

- (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
- (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

30. Use of Discrete Emission Credits to comply with the applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

- 31. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

32. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

Alternative Requirements

33. The permit holder shall comply with the approved alternative means of control (AMOC); alternative monitoring, recordkeeping, or reporting requirements; or requirements determined to be equivalent to an otherwise applicable requirement contained in the Alternative Requirements attachment of this permit. Units complying with an approved alternative requirement have reference to the approval in the Applicable Requirements summary listing for the unit. The permit holder shall maintain the original documentation, from the EPA Administrator and TCEQ Executive Director, demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

Permit Location

34. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

35. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Alternative Requirement

Applicable Requirements Summary

Unit Summary	20

Applicable Requirements Summary	126

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
C-RCVENT	LOADING/UNLOADING OPERATIONS	N/A	R5211-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
CARBON-1	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
CARBON-1	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
CARBON-2	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
CARBON-2	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
CAUSTICLD	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
CVS844	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5131-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
CVS844	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-03	40 CFR Part 60, Subpart Ja	No changing attributes.
CVS844	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
DCU-844H1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-01	40 CFR Part 60, Subpart Ja	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
DCU-844H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
DCU-844H2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-01	40 CFR Part 60, Subpart Ja	No changing attributes.
DCU-844H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-1241	PROCESS HEATERS/FURNACES	N/A	R117-005	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-01-1241	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-1344	PROCESS HEATERS/FURNACES	N/A	R7100-5	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-01-1344	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-01-1344	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-146	PROCESS HEATERS/FURNACES	N/A	R7100-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-01-146	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-01-146	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS	N/A	60Ja-0161	40 CFR Part 60, Subpart Ja	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	SRU				
E-01-146	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-147	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-01-147	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-241	PROCESS HEATERS/FURNACES	N/A	R7100-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-01-241	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0024	40 CFR Part 60, Subpart J	No changing attributes.
E-01-241	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-242	PROCESS HEATERS/FURNACES	N/A	R7100-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-01-242	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0024	40 CFR Part 60, Subpart J	No changing attributes.
E-01-242	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-243	PROCESS HEATERS/FURNACES	N/A	R7100-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-01-243	FCCU CAT REGEN/FUEL GAS	N/A	60Ja-0162	40 CFR Part 60, Subpart Ja	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	COMBUSTION/CLAUS SRU				
E-01-243	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-244A	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-01-244A	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-244B	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-01-244B	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-245	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-01-245	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-246	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-01-246	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-443	PROCESS	N/A	R7100-2	30 TAC Chapter 117,	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	HEATERS/FURNACES			Subchapter B	
E-01-443	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-01-443	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-843	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0024	40 CFR Part 60, Subpart J	No changing attributes.
E-01-843	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-942A	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0024	40 CFR Part 60, Subpart J	No changing attributes.
E-01-942A	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-942B	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0024	40 CFR Part 60, Subpart J	No changing attributes.
E-01-942B	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-942C	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0024	40 CFR Part 60, Subpart J	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
E-01-942C	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-943A	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0163	40 CFR Part 60, Subpart Ja	No changing attributes.
E-01-943A	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-943B	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0163	40 CFR Part 60, Subpart Ja	No changing attributes.
E-01-943B	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-BH15	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R7117-001	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-01-BH15	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-BLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-1	40 CFR Part 60, Subpart Db	D-Series Fuel Type #1 = Natural gas., Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft ³ ., Monitoring Type SO ₂ = Fuel certification (maintaining receipts per § 60.49b(r)(1)).
E-01-BLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-2	40 CFR Part 60, Subpart Db	D-Series Fuel Type #1 = Natural gas., Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft ³ .,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Monitoring Type SO2 = Fuel certification (based on fuel analysis per § 60.49b(r)(2)).
E-01-BLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-3	40 CFR Part 60, Subpart Db	D-Series Fuel Type #1 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas., Monitoring Type SO2 = Fuel certification (based on fuel analysis per § 60.49b(r)(2)).
E-01-BLR	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-02	40 CFR Part 60, Subpart Ja	No changing attributes.
E-01-BLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-01-SCOT	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	R2007-0003	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
E-01-SCOT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0177	40 CFR Part 60, Subpart Ja	No changing attributes.
E-01-SCOT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-SRU	40 CFR Part 63, Subpart UUU	No changing attributes.
E-01-WGSA	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS	N/A	60J-0011	40 CFR Part 60, Subpart J	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	SRU				
E-01-WGSA	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-1000	40 CFR Part 63, Subpart UUU	No changing attributes.
E-02-1241	PROCESS HEATERS/FURNACES	N/A	R117-005	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-02-1241	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-02-1344A	PROCESS HEATERS/FURNACES	N/A	R7100-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-02-1344A	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-02-1344A	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-02-1344B	PROCESS HEATERS/FURNACES	N/A	R7100-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-02-1344B	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-02-1344B	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-02-146	PROCESS HEATERS/FURNACES	N/A	R7100-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-02-146	FCCU CAT REGEN/FUEL GAS	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	COMBUSTION/CLAUS SRU				
E-02-146	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0161	40 CFR Part 60, Subpart Ja	No changing attributes.
E-02-146	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-02-147	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-02-147	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-02-843	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0024	40 CFR Part 60, Subpart J	No changing attributes.
E-02-843	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-02-943	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0161	40 CFR Part 60, Subpart Ja	No changing attributes.
E-02-943	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-02-BH15	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R7117-001	30 TAC Chapter 117, Subchapter B	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
E-02-BH15	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-02-SCOT	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	R2007-0003	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
E-02-SCOT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0177	40 CFR Part 60, Subpart Ja	No changing attributes.
E-02-SCOT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-SRU	40 CFR Part 63, Subpart UUU	No changing attributes.
E-03-1344A	PROCESS HEATERS/FURNACES	N/A	R7100-6	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-03-1344A	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-03-1344A	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-03-1344B	PROCESS HEATERS/FURNACES	N/A	R7100-6	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-03-1344B	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-03-1344B	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
E-03-1344C	PROCESS HEATERS/FURNACES	N/A	R7100-6	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-03-1344C	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0023	40 CFR Part 60, Subpart J	No changing attributes.
E-03-1344C	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-03-843	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-0024	40 CFR Part 60, Subpart J	No changing attributes.
E-03-843	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-03-BH15	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R7117-001	30 TAC Chapter 117, Subchapter B	No changing attributes.
E-03-BH15	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-03-SCOT	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	R2007-0003	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
E-03-SCOT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0177	40 CFR Part 60, Subpart Ja	No changing attributes.
E-03-SCOT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS	N/A	63UUU-SRU	40 CFR Part 63, Subpart UUU	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	SRU				
E-04-SCOT	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	R2007-0003	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
E-04-SCOT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0177	40 CFR Part 60, Subpart Ja	No changing attributes.
E-04-SCOT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-SRU	40 CFR Part 63, Subpart UUU	No changing attributes.
E-05-FLARE	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-05-FLARE	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-05-FLARE	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
E-05-SCOT	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	R2007-1	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
E-05-SCOT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-02	40 CFR Part 60, Subpart Ja	No changing attributes.
E-05-SCOT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-1	40 CFR Part 63, Subpart UUU	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
E-06-843A	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-06-843B	PROCESS HEATERS/FURNACES	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
E-103B-FLARE	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-103B-FLARE	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0121	40 CFR Part 60, Subpart Ja	No changing attributes.
E-103B-FLARE	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-103B-FLARE	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
E-13-FLARE	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-13-FLARE	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0122	40 CFR Part 60, Subpart Ja	No changing attributes.
E-13-FLARE	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-13-FLARE	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
E-15-FLARE	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-15-FLARE	FCCU CAT REGEN/FUEL	N/A	60Ja-0121	40 CFR Part 60, Subpart Ja	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GAS COMBUSTION/CLAUS SRU				
E-15-FLARE	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-15-FLARE	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
E-18-FLARE	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-18-FLARE	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0121	40 CFR Part 60, Subpart Ja	No changing attributes.
E-18-FLARE	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-18-FLARE	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
E-19-FLARE	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-19-FLARE	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0121	40 CFR Part 60, Subpart Ja	No changing attributes.
E-19-FLARE	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-19-FLARE	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					less than 400 ft/s
E-20-FLARE	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-20-FLARE	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0121	40 CFR Part 60, Subpart Ja	No changing attributes.
E-20-FLARE	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-20-FLARE	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
E-22-FLARE	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-22-FLARE	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0121	40 CFR Part 60, Subpart Ja	No changing attributes.
E-22-FLARE	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-22-FLARE	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
E-23-FLARE	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-23-FLARE	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0121	40 CFR Part 60, Subpart Ja	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
E-23-FLARE	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-23-FLARE	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
E-26-FLARE	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-26-FLARE	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0121	40 CFR Part 60, Subpart Ja	No changing attributes.
E-26-FLARE	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-26-FLARE	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
E-BERTH0-0	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.
E-BERTH1-1	LOADING/UNLOADING OPERATIONS	N/A	61BB-0002	40 CFR Part 61, Subpart BB	No changing attributes.
E-BERTH1-1	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.
E-BERTH1-1	LOADING/UNLOADING OPERATIONS	N/A	63Y-0003	40 CFR Part 63, Subpart Y	No changing attributes.
E-BERTH1-2	LOADING/UNLOADING OPERATIONS	N/A	61BB-0002	40 CFR Part 61, Subpart BB	No changing attributes.
E-BERTH1-2	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
E-BERTH1-2	LOADING/UNLOADING OPERATIONS	N/A	63Y-0003	40 CFR Part 63, Subpart Y	No changing attributes.
E-BERTH2-5	LOADING/UNLOADING OPERATIONS	N/A	61BB-0002	40 CFR Part 61, Subpart BB	No changing attributes.
E-BERTH2-5	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.
E-BERTH2-5	LOADING/UNLOADING OPERATIONS	N/A	63Y-0003	40 CFR Part 63, Subpart Y	No changing attributes.
E-BERTH2-6	LOADING/UNLOADING OPERATIONS	N/A	61BB-0002	40 CFR Part 61, Subpart BB	No changing attributes.
E-BERTH2-6	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.
E-BERTH2-6	LOADING/UNLOADING OPERATIONS	N/A	63Y-0003	40 CFR Part 63, Subpart Y	No changing attributes.
E-BERTH3-7	LOADING/UNLOADING OPERATIONS	N/A	61BB-0002	40 CFR Part 61, Subpart BB	No changing attributes.
E-BERTH3-7	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.
E-BERTH3-7	LOADING/UNLOADING OPERATIONS	N/A	63Y-0003	40 CFR Part 63, Subpart Y	No changing attributes.
E-BERTH3-8	LOADING/UNLOADING OPERATIONS	N/A	61BB-0002	40 CFR Part 61, Subpart BB	No changing attributes.
E-BERTH3-8	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.
E-BERTH3-8	LOADING/UNLOADING OPERATIONS	N/A	63Y-0003	40 CFR Part 63, Subpart Y	No changing attributes.
E-BERTH5-11	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
E-BERTH5-12	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.
E-BERTH6-14	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.
E-BERTH6-15	LOADING/UNLOADING OPERATIONS	N/A	63CC-2502	40 CFR Part 63, Subpart CC	No changing attributes.
E-CSV-843	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5131-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
E-CSV-843	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
E-CT-432	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-3000	40 CFR Part 63, Subpart CC	No changing attributes.
E-CT-446	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-3000	40 CFR Part 63, Subpart CC	No changing attributes.
E-MERICHEM	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
E-MERICHEM	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-0122	40 CFR Part 60, Subpart Ja	No changing attributes.
E-MERICHEM	FLARES	N/A	63CC-1	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
E-MERICHEM	FLARES	N/A	63CC-2	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
E-V54	FCCU CAT REGEN/FUEL	N/A	63UUU-CRU-FGS	40 CFR Part 63, Subpart	CRU TOC Emission Limitation =

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GAS COMBUSTION/CLAUS SRU			UUU	Reduce uncontrolled emissions of TOC or nonmethane TOC by 98% by weight or to a concentration of 20 ppmv (Option 2) complying with Table 15.2 to Subpart UUU, CRU TOC Control Device = Boiler with a design heat input capacity less equal to or greater than 44MW or which all vent streams are introduced into the flame zone, CRU TOC Compliance Method = Complying with the TOC percent reduction limit., CRU Alternate Monitoring = Not monitoring alternate parameters in accordance with § 63.1573(e), CRU Engineering Assessment = Demonstrating compliance by performance test.
E-V54	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-CRU-FLR	40 CFR Part 63, Subpart UUU	CRU TOC Emission Limitation = Vent emissions of TOC to a flare that meets the requirements of § 63.670 (Option 1) complying with Table 15.1 to Subpart UUU
ENG-138PS	SRIC ENGINES	N/A	60III-11	40 CFR Part 60, Subpart III	No changing attributes.
ENG-138PS	SRIC ENGINES	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-15PS	SRIC ENGINES	N/A	R117-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
ENG-15PS	SRIC ENGINES	N/A	63ZZZZ-3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-443N	SRIC ENGINES	N/A	60III-2	40 CFR Part 60, Subpart III	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
ENG-443N	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-443S	SRIC ENGINES	N/A	60III-2	40 CFR Part 60, Subpart III	No changing attributes.
ENG-443S	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-480PS1	SRIC ENGINES	N/A	60III-3	40 CFR Part 60, Subpart III	No changing attributes.
ENG-480PS1	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-480PS2	SRIC ENGINES	N/A	60III-3	40 CFR Part 60, Subpart III	No changing attributes.
ENG-480PS2	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-70AC1	SRIC ENGINES	N/A	60III-4	40 CFR Part 60, Subpart III	No changing attributes.
ENG-70AC1	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-70AC2	SRIC ENGINES	N/A	60III-5	40 CFR Part 60, Subpart III	No changing attributes.
ENG-70AC2	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-70AC3	SRIC ENGINES	N/A	60III-6	40 CFR Part 60, Subpart III	No changing attributes.
ENG-70AC3	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-843S	SRIC ENGINES	N/A	60III-9	40 CFR Part 60, Subpart III	No changing attributes.
ENG-843S	SRIC ENGINES	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-942-1	SRIC ENGINES	N/A	60III-12	40 CFR Part 60, Subpart III	No changing attributes.
ENG-942-1	SRIC ENGINES	N/A	63ZZZZ-6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
ENG-942-2	SRIC ENGINES	N/A	60III-12	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG-942-2	SRIC ENGINES	N/A	63ZZZZ-6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-ADMN	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-CNTSHP	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-NSRU1	SRIC ENGINES	N/A	60III-14	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG-NSRU1	SRIC ENGINES	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-PS243 WWTU	SRIC ENGINES	N/A	60III-16	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG-PS243 WWTU	SRIC ENGINES	N/A	63ZZZZ-7	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-PS452 WWTU	SRIC ENGINES	N/A	60III-16	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG-PS452 WWTU	SRIC ENGINES	N/A	63ZZZZ-7	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-T283	SRIC ENGINES	N/A	60III-13	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG-T283	SRIC ENGINES	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-T99100	SRIC ENGINES	N/A	60III-9	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG-T99100	SRIC ENGINES	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-TRCTHW	SRIC ENGINES	N/A	60III-10	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG-TRCTHW	SRIC ENGINES	N/A	63ZZZZ-6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	R5352-ALL	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	60GGG-ALL	40 CFR Part 60, Subpart GGG	No changing attributes.
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	CLOSED VENT SYSTEMS = Closed-vent (or vapor collection) system complying with NSPS VV, ENC COMBUSTION DEVICE = YES, COMPLY WITH §60.482-10 = YES, FLARE = NO, EQUIVALENT EMISSION LIMIT = NO, COMPLY WITH §60.482-10 = YES, VAPOR RECOVERY SYSTEM = NO, EQUIVALENT EMISSION LIMIT = NO
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-PRD1	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)- (vi), Pilot-Operated PRD = A pilot- operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relief device is not used and controlled as described in §63.648(j)(4)(iii), GAS/VAPOR SERVICE = YES, 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)- (vi), Routing to Control = All leaks and releases from the pressure relief device are not routed to

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-PRD10	40 CFR Part 63, Subpart CC	GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-PRD11	40 CFR Part 63, Subpart CC	GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, Control Device Type = All

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					releases and potential leaks from a pressure relief device are routed to a fuel gas system, 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-PRD2	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device meets a condition in § 63.648(j)(5)(ii)-(vi), GAS/VAPOR SERVICE = YES, 63.684(j)(5) Exemptions = The pressure relief device meets a condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-PRD3	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is used and controlled as described in

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					§ 63.648(j)(4)(ii), GAS/VAPOR SERVICE = YES, Control Device Type = Incinerator other than a catalytic incinerator, Alternate Parameter Monitoring = Approval was not obtained to monitor an alternate parameter to those specified in § 63.644(a), Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-PRD4	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is used and controlled as described in § 63.648(j)(4)(ii), GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-DOCKS	FUGITIVE EMISSION	N/A	63CCVV-PRD5	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	UNITS				pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is used and controlled as described in § 63.648(j)(4)(ii), GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-PRD6	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relieved device is used and controlled as described in § 63.648(j)(4)(iii), GAS/VAPOR SERVICE = YES, Control Device Type = Incinerator other than a catalytic incinerator, Alternate Parameter Monitoring = Approval was not obtained to monitor an alternate parameter to those specified in § 63.644(a), Continuous Operating Parameter Alternative = An approved

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					alternative to the continuous operating parameter provisions of § 63.655(i) is not used, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-PRD7	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relief device is used and controlled as described in § 63.648(j)(4)(iii), GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-PRD8	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relieved device is used and controlled as described in §63.648(j)(4)(iii), GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-DOCKS	FUGITIVE EMISSION UNITS	N/A	63CCVV-PRD9	40 CFR Part 63, Subpart CC	GAS/VAPOR SERVICE = YES, Control Device Type = Incinerator other than a catalytic incinerator, Alternate Parameter Monitoring = Approval was not obtained to monitor an alternate parameter to those specified in § 63.644(a), Control Device Type = Incinerator other than a catalytic incinerator, Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used, 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Alternate Parameter Monitoring = Approval was not obtained to monitor an

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					alternate parameter to those specified in § 63.644(a), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
F-T-L3010	STORAGE TANKS/VESSELS	N/A	R5112-0003	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
F-T-L3010	STORAGE TANKS/VESSELS	N/A	60QQQ-0014	40 CFR Part 60, Subpart QQQ	No changing attributes.
F-T-L3010	STORAGE TANKS/VESSELS	N/A	61FF-0027	40 CFR Part 61, Subpart FF	No changing attributes.
F-T-L3210	STORAGE TANKS/VESSELS	N/A	R5112-0002	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
F-T-L3210	STORAGE TANKS/VESSELS	N/A	60QQQ-0007	40 CFR Part 60, Subpart QQQ	No changing attributes.
F-T-L3210	STORAGE TANKS/VESSELS	N/A	61FF-0005	40 CFR Part 61, Subpart FF	No changing attributes.
F-T-L3210	STORAGE TANKS/VESSELS	N/A	63G-004	40 CFR Part 63, Subpart G	No changing attributes.
F-T-L5010	STORAGE TANKS/VESSELS	N/A	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
F-T-L5010	STORAGE TANKS/VESSELS	N/A	60QQQ-0014	40 CFR Part 60, Subpart QQQ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
F-T-L5010	STORAGE TANKS/VESSELS	N/A	61FF-0027	40 CFR Part 61, Subpart FF	No changing attributes.
F-T-L5010	STORAGE TANKS/VESSELS	N/A	63G-001	40 CFR Part 63, Subpart G	No changing attributes.
F-T-L5020	STORAGE TANKS/VESSELS	N/A	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
F-T-L5020	STORAGE TANKS/VESSELS	N/A	60QQQ-0008	40 CFR Part 60, Subpart QQQ	No changing attributes.
F-T-L5020	STORAGE TANKS/VESSELS	N/A	63G-001	40 CFR Part 63, Subpart G	No changing attributes.
F-T-L6002	STORAGE TANKS/VESSELS	N/A	R5112-0007	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
FF-1241-1	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-1241-1	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-1241-2	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-1242	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-1344	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-146	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-147	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-241	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FF-244	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-246	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-443-1	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-443-2	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-84PH	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-CCS	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-D-108	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-D-108	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-D-108	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-DOCKS-1	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-DOCKS-2	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-DOCKS-3	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-DOCKS-4	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-DOCKS-5	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FF-DOCKS-6	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-GHU-245	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-KELAB	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-LAB	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-1215	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-1215	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-1215	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-162	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-162	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-162	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-1650	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-1650	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-1650	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-236	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FF-PS-236	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-236	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-274	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-274	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-274	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-3650	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-3650	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-3650	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-402	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-402	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-402	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-403	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-403	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-403	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FF-PS-404	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-404	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-404	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-405	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-405	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-405	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-406	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-406	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-406	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-427	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-427	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-427	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-434	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-434	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FF-PS-434	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-435	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-435	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-435	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-436	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-436	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-436	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-439	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-439	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-439	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-441	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-441	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-441	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-449	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FF-PS-449	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-449	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-451	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-451	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-451	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-457	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-457	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-457	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-4600	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-4600	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-4600	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-475	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-475	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-475	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FF-PS-476	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-476	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-476	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-6400	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-6400	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-6400	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-PS-J-8	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-PS-J-8	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-PS-J-8	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-SC-1907	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-SC-1907	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-SC-1907	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-TETRA-1	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-TETRA-2	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FF-TK-8010	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-001	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-TK-8010	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-TK-8010	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FF-WORU	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-0001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-WWTU	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-002	40 CFR Part 60, Subpart QQQ	No changing attributes.
FF-WWTU	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-001	40 CFR Part 61, Subpart FF	No changing attributes.
FF-WWTU	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	63G-008	40 CFR Part 63, Subpart G	No changing attributes.
FS-PS473	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GRP-C8456	STORAGE TANKS/VESSELS	T-133, T-889	R5112-0010	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRP-C8456	STORAGE TANKS/VESSELS	T-133, T-889	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F- 147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F- 543/4, F-545, F-546, F-6341, F-7542, F- 7841, F-7842, F- 7848, F-843, F-	R5352-ALL	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF			
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF	60GGG-ALL	40 CFR Part 60, Subpart GGG	No changing attributes.
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF	63CCVV-ALL	40 CFR Part 63, Subpart CC	CLOSED VENT SYSTEMS = Closed-vent (or vapor collection) system complying with NSPS VV, ENC COMBUSTION DEVICE = NO, FLARE = YES, EQUIVALENT EMISSION LIMIT = NO, COMPLY WITH §60.482-10 = YES, VAPOR RECOVERY SYSTEM = NO

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF	63CCVV-PRD1	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relief device is not used and controlled as described in § 63.648(j)(4)(iii), GAS/VAPOR SERVICE = YES, 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-	63CCVV-PRD10	40 CFR Part 63, Subpart CC	GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, 63.684(j)(5) Exemptions = The pressure relief

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF			device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF	63CCVV-PRD11	40 CFR Part 63, Subpart CC	GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-GGGFUG	FUGITIVE EMISSION	F-1241, F-1344, F-	63CCVV-PRD2	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	UNITS	147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF			pressure relief device meets a condition in § 63.648(j)(5)(ii)-(vi), GAS/VAPOR SERVICE = YES, 63.684(j)(5) Exemptions = The pressure relief device meets a condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF	63CCVV-PRD3	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is used and controlled as described in § 63.648(j)(4)(ii), GAS/VAPOR SERVICE = YES, Control Device Type = Flare, Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245,	63CCVV-PRD4	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF			(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is used and controlled as described in § 63.648(j)(4)(ii), GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF	63CCVV-PRD5	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is used and controlled as described in § 63.648(j)(4)(ii), GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546,	63CCVV-PRD6	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF			not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relieved device is used and controlled as described in §63.648(j)(4)(iii), GAS/VAPOR SERVICE = YES, Control Device Type = Flare, Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF	63CCVV-PRD7	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relieved device is used and controlled as described in §63.648(j)(4)(iii), GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, Routing to Control = All leaks and releases from the

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF	63CCVV-PRD8	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relief device is used and controlled as described in § 63.648(j)(4)(iii), GAS/VAPOR SERVICE = YES, Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-GGGFUG	FUGITIVE EMISSION UNITS	F-1241, F-1344, F-147, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-543/4, F-545, F-546, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-8747, F-942, F-	63CCVV-PRD9	40 CFR Part 63, Subpart CC	GAS/VAPOR SERVICE = YES, Control Device Type = Flare, Control Device Type = Flare, Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used, 63.684(j)(5) Exemptions = The pressure relief

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PH163, F-PH41, F-SRTF, F-VLP-843, F-VLP-PH163, F-VLP-PH41, F-VLP-SRTF			device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRP-RVFUG	FUGITIVE EMISSION UNITS	F-15BH, F-8741, F-8746, F-8844, F-AUCT, F-FUELSTAT, F-PH138, F-UTILITIES	R5352-ALL	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
GRP-WASH1	SOLVENT DEGREASING MACHINES	PW-LVP-1, PW-LVP-2, PW-LVP-3, PW-LVP-4, PW-LVP-5	R5412-0057	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
GRPAPI	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	F-T-L1010, F-T-L1020, F-T-L1030	R5131-0004	30 TAC Chapter 115, Water Separation	No changing attributes.
GRPAPI	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	F-T-L1010, F-T-L1020, F-T-L1030	60QQQ-0099	40 CFR Part 60, Subpart QQQ	No changing attributes.
GRPAPI	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	F-T-L1010, F-T-L1020, F-T-L1030	61FF-1657	40 CFR Part 61, Subpart FF	No changing attributes.
GRPAPI	VOLATILE ORGANIC COMPOUND WATER	F-T-L1010, F-T-L1020, F-T-L1030	63G-007	40 CFR Part 63, Subpart G	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	SEPARATORS				
GRPCC2VENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	834-VENT	R5131-1000	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPCC2VENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	834-VENT	63CC-1010	40 CFR Part 63, Subpart CC	No changing attributes.
GRPCCEFRMS	STORAGE TANKS/VESSELS	T-2101, T-2117, T- 2132, T-2137, T- 2148, T-2159, T- 2160, T-2161, T-77, T-896	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPCCEFRMS	STORAGE TANKS/VESSELS	T-2101, T-2117, T- 2132, T-2137, T- 2148, T-2159, T- 2160, T-2161, T-77, T-896	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
GRPCCEFRMS	STORAGE TANKS/VESSELS	T-2101, T-2117, T- 2132, T-2137, T- 2148, T-2159, T- 2160, T-2161, T-77, T-896	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPCCEFRMS	STORAGE TANKS/VESSELS	T-2101, T-2117, T-2132, T-2137, T-2148, T-2159, T-2160, T-2161, T-77, T-896	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPCCIFRMS	STORAGE TANKS/VESSELS	T-2110, T-925, T-926	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPCCIFRMS	STORAGE TANKS/VESSELS	T-2110, T-925, T-926	63CC-02A	40 CFR Part 63, Subpart CC	Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A)
GRPCCIFRMS	STORAGE TANKS/VESSELS	T-2110, T-925, T-926	63CC-02B	40 CFR Part 63, Subpart CC	Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B)
GRPCONE1	STORAGE TANKS/VESSELS	T-100, T-103, T-99	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPCONE1	STORAGE TANKS/VESSELS	T-100, T-103, T-99	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
GRPCOOL	INDUSTRIAL PROCESS COOLING TOWERS	E-CT-100, E-CT-101, E-CT-136A, E-CT-136B, E-CT-233, E-CT-244, E-CT-316, E-CT-354, E-CT-360, E-CT-363, E-CT-366, E-CT-433	63CC-3000	40 CFR Part 63, Subpart CC	No changing attributes.
GRPFEEFRMS	STORAGE TANKS/VESSELS	T-2145, T-2588, T-78, T-88	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPFEEFRMS	STORAGE TANKS/VESSELS	T-2145, T-2588, T-78, T-88	61FF-0006	40 CFR Part 61, Subpart FF	No changing attributes.
GRPFFIFRMS	STORAGE TANKS/VESSELS	T-1790, T-1791	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPFFIFRMS	STORAGE TANKS/VESSELS	T-1790, T-1791	61FF-0005	40 CFR Part 61, Subpart FF	No changing attributes.
GRPFFIFRMS	STORAGE TANKS/VESSELS	T-1790, T-1791	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
GRPFFIFRMS	STORAGE TANKS/VESSELS	T-1790, T-1791	63CC-0004	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal, Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb, Product Stored = Refined petroleum products, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters), WW Compliance for Kb = The storage vessel is not electing to comply with 40 CFR Part 63, Subpart WW to satisfy the requirements of 40 CFR Pat 60, Subpart Kb
GRPFFIFRMS	STORAGE TANKS/VESSELS	T-1790, T-1791	63CC-004	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Fixed

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					roof with an internal floating roof using a mechanical shoe seal, Group 1 Applicability = The storage vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Product Stored = Refined petroleum products, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters), WW Compliance for Kb = The storage vessel is not electing to comply with 40 CFR Part 63, Subpart WW to satisfy the requirements of 40 CFR Pat 60, Subpart Kb
GRPFIFRMS	STORAGE TANKS/VESSELS	T-1790, T-1791	63CC-02A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Subpart WW, WW Tank Control = An IFR is operated and maintained per 40 CFR § 63.1062(a)(1), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPFFIFRMS	STORAGE TANKS/VESSELS	T-1790, T-1791	63CC-02B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An IFR is operated and maintained per 40 CFR § 63.1062(a)(1), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPFFIFRMS	STORAGE	T-1790, T-1791	63G-005	40 CFR Part 63, Subpart G	Maximum TVP = Maximum true

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS				vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y., Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
GRPFFIFRMS	STORAGE TANKS/VESSELS	T-1790, T-1791	63G-005WW	40 CFR Part 63, Subpart G	Designated Group 1 = The tank receives a wastewater stream designated as Group 1 using the procedures described in §63.132(e), Process Wastewater = The tank receives, manages, or treats process wastewater streams, Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged., Wastewater Tank Properties = Properties do not qualify for exemption, Emission Control Type = Fixed-roof tank equipped with an internal floating roof that meets the requirements specified in 40 CFR § 63.119(b), New Source = The source is an existing source., Alternate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved.
GRPGEFRMS	STORAGE TANKS/VESSELS	F-T-L1110, F-T-L1120, F-T-L2010, F-T-L3310, F-T-L3320	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPGEFRMS	STORAGE TANKS/VESSELS	F-T-L1110, F-T-L1120, F-T-L2010, F-T-L3310, F-T-L3320	60QQQ-0006	40 CFR Part 60, Subpart QQQ	No changing attributes.
GRPGEFRMS	STORAGE TANKS/VESSELS	F-T-L1110, F-T-L1120, F-T-L2010, F-T-L3310, F-T-L3320	61FF-0006	40 CFR Part 61, Subpart FF	No changing attributes.
GRPGEFRMS	STORAGE TANKS/VESSELS	F-T-L1110, F-T-L1120, F-T-L2010, F-T-L3310, F-T-L3320	63G-002	40 CFR Part 63, Subpart G	Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y., Emission Control Type = External floating roof, Seal Type = Two seals, one located above the other, the primary seal being a metallic shoe seal

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPGEFRMS	STORAGE TANKS/VESSELS	F-T-L1110, F-T-L1120, F-T-L2010, F-T-L3310, F-T-L3320	63G-002WW	40 CFR Part 63, Subpart G	Designated Group 1 = The tank receives a wastewater stream designated as Group 1 using the procedures described in §63.132(e), Process Wastewater = The tank receives, manages, or treats process wastewater streams, Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged., Wastewater Tank Properties = Properties do not qualify for exemption, Emission Control Type = External floating roof that meets the requirements specified in 40 CFR § 63.119(c), 40 CFR § 63.120(b)(5), and 40 CFR § 63.120(b)(6), New Source = The source is an existing source., Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved.
GRPGFIFRMS	STORAGE TANKS/VESSELS	T-1848, T-1849	R5112-0001	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
GRPGFIFRMS	STORAGE TANKS/VESSELS	T-1848, T-1849	R5112-0009	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
GRPGFIFRMS	STORAGE TANKS/VESSELS	T-1848, T-1849	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
GRPGFIFRMS	STORAGE TANKS/VESSELS	T-1848, T-1849	63CC-02A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An IFR is operated and maintained per 40 CFR § 63.1062(a)(1), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPGFIFRMS	STORAGE TANKS/VESSELS	T-1848, T-1849	63CC-02B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An IFR is operated and maintained per 40 CFR § 63.1062(a)(1), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPGGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR	R5352-ALL	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
GRPGGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943,	60GGGA-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		F-943-SCR			
GRPGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR	63CCVV-PRD1	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relief device is not used and controlled as described in § 63.648(j)(4)(iii), 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRPGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR	63CCVV-PRD10	40 CFR Part 63, Subpart CC	Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, 63.684(j)(5) Exemptions = The pressure relief

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRPGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR	63CCVV-PRD11	40 CFR Part 63, Subpart CC	Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRPGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-	63CCVV-PRD2	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device meets a

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR			condition in § 63.648(j)(5)(ii)-(vi), 63.684(j)(5) Exemptions = The pressure relief device meets a condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRPGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR	63CCVV-PRD3	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is used and controlled as described in § 63.648(j)(4)(ii), Control Device Type = Flare, Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRPGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR	63CCVV-PRD4	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is used and controlled as described in § 63.648(j)(4)(ii), Control Device Type = All releases and potential

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					leaks from a pressure relief device are routed back into the process, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRPGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR	63CCVV-PRD5	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is used and controlled as described in § 63.648(j)(4)(ii), Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRPGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR	63CCVV-PRD6	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relief device is used and controlled as described in § 63.648(j)(4)(iii), Control Device Type = Flare,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRPGGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR	63CCVV-PRD7	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relief device is used and controlled as described in § 63.648(j)(4)(iii), Control Device Type = All releases and potential leaks from a pressure relief device are routed back into the process, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRPGGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-	63CCVV-PRD8	40 CFR Part 63, Subpart CC	63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Pilot-Operated PRD = A pilot-

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR			operated pressure relief device is not used and controlled as described in § 63.648(j)(4)(ii), Balanced Bellows PRD = A balanced bellows pressure relief device is used and controlled as described in § 63.648(j)(4)(iii), Control Device Type = All releases and potential leaks from a pressure relief device are routed to a fuel gas system, Routing to Control = All leaks and releases from the pressure relief device are not routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i)
GRPGGAFUG	FUGITIVE EMISSION UNITS	F-1242, F-146, F-1747, F-547, F-7042, F-7043, F-7044, F-7843, F-7945, F-844, F-8742, F-8748, F-8748-SWS, F-943, F-943-SCR	63CCVV-PRD9	40 CFR Part 63, Subpart CC	Control Device Type = Flare, Control Device Type = Flare, Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used, 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in § 63.648(j)(4)(i), Routing to Control = All leaks and releases from the pressure relief device are routed to control device, process, or fuel gas system as described in §

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					63.648(j)(4)(i)
GRPGIFRMS1	STORAGE TANKS/VESSELS	F-T-L1310, F-T- L1410	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPGIFRMS1	STORAGE TANKS/VESSELS	F-T-L1310, F-T- L1410	60QQQ-0007	40 CFR Part 60, Subpart QQQ	No changing attributes.
GRPGIFRMS1	STORAGE TANKS/VESSELS	F-T-L1310, F-T- L1410	61FF-0005	40 CFR Part 61, Subpart FF	No changing attributes.
GRPGIFRMS1	STORAGE TANKS/VESSELS	F-T-L1310, F-T- L1410	63G-005	40 CFR Part 63, Subpart G	Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa), MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G)., NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y., Emission Control Type = Internal floating roof, Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
GRPGIFRMS1	STORAGE TANKS/VESSELS	F-T-L1310, F-T- L1410	63G-005WW	40 CFR Part 63, Subpart G	Designated Group 1 = The tank receives a wastewater stream designated as Group 1 using the procedures described in §63.132(e), Process Wastewater = The tank receives, manages, or treats process wastewater streams, Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					means of an exothermic reaction, nor are the contents of the tank are sparged., Wastewater Tank Properties = Properties do not qualify for exemption, Emission Control Type = Fixed-roof tank equipped with an internal floating roof that meets the requirements specified in 40 CFR § 63.119(b), New Source = The source is an existing source., Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved.
GRPGIFRMS2	STORAGE TANKS/VESSELS	F-T-L1210, F-T-L8010	R5112-0002	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPGIFRMS2	STORAGE TANKS/VESSELS	F-T-L1210, F-T-L8010	60QQQ-0007	40 CFR Part 60, Subpart QQQ	No changing attributes.
GRPGIFRMS2	STORAGE TANKS/VESSELS	F-T-L1210, F-T-L8010	61FF-0005	40 CFR Part 61, Subpart FF	No changing attributes.
GRPGIFRMS2	STORAGE TANKS/VESSELS	F-T-L1210, F-T-L8010	63G-003	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
GRPGIFRMS2	STORAGE TANKS/VESSELS	F-T-L1210, F-T-L8010	63G-003WW	40 CFR Part 63, Subpart G	Process Wastewater = The tank receives, manages, or treats process wastewater streams,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged., Wastewater Tank Properties = Volume of the wastewater tank is less than 75m ³ and storing liquid with any vapor pressure, New Source = The source is an existing source.
GRPKVOC	STORAGE TANKS/VESSELS	T-2182, T-2183	R5112-0008	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPKVOC	STORAGE TANKS/VESSELS	T-2182, T-2183	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
GRPKVOC	STORAGE TANKS/VESSELS	T-2182, T-2183	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPKVOC	STORAGE TANKS/VESSELS	T-2182, T-2183	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPRTOTKS	STORAGE TANKS/VESSELS	F-T-L3110, F-T-L3120	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPRTOTKS	STORAGE TANKS/VESSELS	F-T-L3110, F-T-L3120	60QQQ-0014	40 CFR Part 60, Subpart QQQ	No changing attributes.
GRPRTOTKS	STORAGE TANKS/VESSELS	F-T-L3110, F-T-L3120	61FF-0027	40 CFR Part 61, Subpart FF	No changing attributes.
GRPRTOTKS	STORAGE TANKS/VESSELS	F-T-L3110, F-T-L3120	63G-001	40 CFR Part 63, Subpart G	MACT Subpart F/G Applicability = The unit is a Group 2 vessel., NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y., NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb.
GRPRTOTKS	STORAGE TANKS/VESSELS	F-T-L3110, F-T-L3120	63G-001WW	40 CFR Part 63, Subpart G	Process Wastewater = The tank receives, manages, or treats process wastewater streams, Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged., Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m3 and vapor pressure of liquid stored is less than 5.2 kPa
GRPTK5491	STORAGE TANKS/VESSELS	T-110, T-111	R5112-0005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPTK5491	STORAGE TANKS/VESSELS	T-110, T-111	60K-001	40 CFR Part 60, Subpart K	No changing attributes.
GRPTK5491	STORAGE TANKS/VESSELS	T-110, T-111	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
GRPTK5491	STORAGE TANKS/VESSELS	T-110, T-111	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPTK5491	STORAGE TANKS/VESSELS	T-110, T-111	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPTK7600	STORAGE TANKS/VESSELS	T-283, T-284, T-285	R5112-0005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPTK7600	STORAGE TANKS/VESSELS	T-283, T-284, T-285	60Ka-002	40 CFR Part 60, Subpart Ka	No changing attributes.
GRPTK7600	STORAGE TANKS/VESSELS	T-283, T-284, T-285	63CC-0002	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					vessel is subject to the control requirements of 40 CFR Part 60, Subpart Ka, Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal, Reid Vapor Pressure = RVP is greater than or equal to 2.0 psia
GRPTK7600	STORAGE TANKS/VESSELS	T-283, T-284, T-285	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
GRPTK7600	STORAGE TANKS/VESSELS	T-283, T-284, T-285	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPTK7600	STORAGE TANKS/VESSELS	T-283, T-284, T-285	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
GRPVENTCC1	EMISSION POINTS/STATIONARY	443-VENT-1, 443- VENT-10, 443-	R5131-1001	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS	VENT-2, 443-VENT-3, 443-VENT-4, 443-VENT-5, 443-VENT-6, 443-VENT-7, 443-VENT-8, 443-VENT-9			
GRPVENTCC1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	443-VENT-1, 443-VENT-10, 443-VENT-2, 443-VENT-3, 443-VENT-4, 443-VENT-5, 443-VENT-6, 443-VENT-7, 443-VENT-8, 443-VENT-9	63CC-1011	40 CFR Part 63, Subpart CC	No changing attributes.
PRO-WWTU	TREATMENT PROCESS	N/A	61FF-0216	40 CFR Part 61, Subpart FF	No changing attributes.
PRO-WWTU	TREATMENT PROCESS	N/A	63G-009	40 CFR Part 63, Subpart G	No changing attributes.
RTO	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	60QQQ-0002	40 CFR Part 60, Subpart QQQ	No changing attributes.
RTO	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-002	40 CFR Part 61, Subpart FF	No changing attributes.
T-1001	STORAGE TANKS/VESSELS	N/A	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-1001	STORAGE TANKS/VESSELS	N/A	60Kb-003	40 CFR Part 60, Subpart Kb	No changing attributes.
T-1001	STORAGE TANKS/VESSELS	N/A	61FF-0006	40 CFR Part 61, Subpart FF	No changing attributes.
T-106	STORAGE TANKS/VESSELS	N/A	R5112-0005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-106	STORAGE	N/A	60K-001	40 CFR Part 60, Subpart K	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS				
T-106	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
T-106	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
T-106	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank uses an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-107	STORAGE TANKS/VESSELS	N/A	R5112-0005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-107	STORAGE TANKS/VESSELS	N/A	60K-001	40 CFR Part 60, Subpart K	No changing attributes.
T-107	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
T-107	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-107	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR §

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-108R	STORAGE TANKS/VESSELS	N/A	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-108R	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-109	STORAGE TANKS/VESSELS	N/A	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-109	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-112	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-112	STORAGE	N/A	60Kb-01A	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS				guidepole which has a pole wiper and pole float per 40 CFR §63.1063(a)(2)(viii)(A)
T-112	STORAGE TANKS/VESSELS	N/A	60Kb-01B	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole sleeve per 40 CFR §63.1063(a)(2)(viii)(B)
T-112	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-112	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-112	STORAGE TANKS/VESSELS	N/A	63CC-2	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal, Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia, Group 1 Applicability = The storage vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule, Product Stored = Crude oil, Storage Capacity = Capacity is greater than

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					or equal to 39,900 gallons (151,416 liters)
T-113	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-113	STORAGE TANKS/VESSELS	N/A	60Kb-01A	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole float per 40 CFR §63.1063(a)(2)(viii)(A)
T-113	STORAGE TANKS/VESSELS	N/A	60Kb-01B	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole sleeve per 40 CFR §63.1063(a)(2)(viii)(B)
T-113	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					vessel does not have a ladder with at least one slotted leg
T-113	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-113	STORAGE TANKS/VESSELS	N/A	63CC-2	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal, Reid Vapor Pressure = Reid vapor pressure is greater than or equal to

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					2.0 psia, Group 1 Applicability = The storage vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule, Product Stored = Crude oil, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)
T-114	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-114	STORAGE TANKS/VESSELS	N/A	60Kb-01A	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole float per 40 CFR §63.1063(a)(2)(viii)(A)
T-114	STORAGE TANKS/VESSELS	N/A	60Kb-01B	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole sleeve per 40 CFR §63.1063(a)(2)(viii)(B)
T-114	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Emission Standard = Storage vessel is complying with 40 CFR Part 63,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-114	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-114	STORAGE TANKS/VESSELS	N/A	63CC-2	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia,

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal, Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia, Group 1 Applicability = The storage vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule, Product Stored = Crude oil, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)
T-134	STORAGE TANKS/VESSELS	N/A	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-134	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-147EXCAL	STORAGE TANKS/VESSELS	N/A	R5112-0007	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-151	STORAGE TANKS/VESSELS	N/A	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-151	STORAGE TANKS/VESSELS	N/A	61FF-0006	40 CFR Part 61, Subpart FF	No changing attributes.
T-151	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
T-151	STORAGE	N/A	63CC-0006	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS				pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal, Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb, Product Stored = Refined petroleum products, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters), WW Compliance for Kb = The storage vessel is not electing to comply with 40 CFR Part 63, Subpart WW to satisfy the requirements of 40 CFR Pat 60, Subpart Kb
T-151	STORAGE TANKS/VESSELS	N/A	63CC-006	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal, Group 1 Applicability = The storage vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641),

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Product Stored = Refined petroleum products, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters), WW Compliance for Kb = The storage vessel is not electing to comply with 40 CFR Part 63, Subpart WW to satisfy the requirements of 40 CFR Pat 60, Subpart Kb
T-151	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
T-151	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-1850	STORAGE TANKS/VESSELS	N/A	R5112-0008	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-1850	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-1912	STORAGE TANKS/VESSELS	N/A	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-1912	STORAGE	N/A	60QQQ-0007	40 CFR Part 60, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			QQQ	
T-1912	STORAGE TANKS/VESSELS	N/A	61FF-0005	40 CFR Part 61, Subpart FF	No changing attributes.
T-2105	STORAGE TANKS/VESSELS	N/A	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2105	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-2106	STORAGE TANKS/VESSELS	N/A	R5112-0008	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2106	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-2111	STORAGE TANKS/VESSELS	N/A	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2111	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
T-2111	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-2111	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2),

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-2112R	STORAGE TANKS/VESSELS	N/A	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2112R	STORAGE TANKS/VESSELS	N/A	60Kb-01A	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole float per 40 CFR §63.1063(a)(2)(viii)(A)
T-2112R	STORAGE TANKS/VESSELS	N/A	60Kb-01B	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole sleeve per 40 CFR §63.1063(a)(2)(viii)(B)
T-2112R	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
T-2112R	STORAGE TANKS/VESSELS	N/A	63CC-0006	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal, Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is subject to the control

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					requirements of 40 CFR Part 60, Subpart Kb, Product Stored = Refined petroleum products, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)
T-2112R	STORAGE TANKS/VESSELS	N/A	63CC-006	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal, Group 1 Applicability = The storage vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Product Stored = Refined petroleum products, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)
T-2112R	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability =

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-2112R	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control =

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-2113	STORAGE TANKS/VESSELS	N/A	R5112-0008	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2113	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-2133	STORAGE TANKS/VESSELS	N/A	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2133	STORAGE TANKS/VESSELS	N/A	60K-002	40 CFR Part 60, Subpart K	No changing attributes.
T-2133	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
T-2133	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-2133	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-2162	STORAGE TANKS/VESSELS	N/A	R5112-0009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2162	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-2163	STORAGE TANKS/VESSELS	N/A	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2163	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-2164	STORAGE TANKS/VESSELS	N/A	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2164	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-2186	STORAGE TANKS/VESSELS	N/A	R5112-0008	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2186	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-2400	STORAGE TANKS/VESSELS	N/A	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2400	STORAGE TANKS/VESSELS	N/A	61FF-0005	40 CFR Part 61, Subpart FF	No changing attributes.
T-2400	STORAGE TANKS/VESSELS	N/A	63CC-0005	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
T-2401	STORAGE TANKS/VESSELS	N/A	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2401	STORAGE TANKS/VESSELS	N/A	61FF-0005	40 CFR Part 61, Subpart FF	No changing attributes.
T-2401	STORAGE TANKS/VESSELS	N/A	63CC-0005	40 CFR Part 63, Subpart CC	No changing attributes.
T-2590R	STORAGE TANKS/VESSELS	N/A	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2590R	STORAGE TANKS/VESSELS	N/A	60Kb-003	40 CFR Part 60, Subpart Kb	No changing attributes.
T-2590R	STORAGE TANKS/VESSELS	N/A	61FF-0006	40 CFR Part 61, Subpart FF	No changing attributes.
T-2900	STORAGE TANKS/VESSELS	N/A	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-2900	STORAGE TANKS/VESSELS	N/A	60Kb-02A	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole float per 40 CFR §63.1063(a)(2)(viii)(A)
T-2900	STORAGE TANKS/VESSELS	N/A	60Kb-02B	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole sleeve per 40 CFR §63.1063(a)(2)(viii)(B)
T-2900	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
T-2900	STORAGE	N/A	63CC-0005	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS				pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal, Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb, Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)
T-2900	STORAGE TANKS/VESSELS	N/A	63CC-005	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal, Group 1 Applicability = The storage vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					composition, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)
T-2900	STORAGE TANKS/VESSELS	N/A	63CC-02A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An IFR is operated and maintained per 40 CFR § 63.1062(a)(1), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-2900	STORAGE TANKS/VESSELS	N/A	63CC-02B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An IFR is operated and maintained per 40 CFR § 63.1062(a)(1), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-37	STORAGE TANKS/VESSELS	N/A	R5112-4	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-37	STORAGE TANKS/VESSELS	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
T-5	STORAGE TANKS/VESSELS	N/A	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-5	STORAGE TANKS/VESSELS	N/A	60Kb-01A	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole float per 40 CFR §63.1063(a)(2)(viii)(A)
T-5	STORAGE TANKS/VESSELS	N/A	60Kb-01B	40 CFR Part 60, Subpart Kb	Guidepole = Only a slotted guidepole which has a pole wiper and pole sleeve per 40 CFR

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					§63.1063(a)(2)(viii)(B)
T-5	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
T-5	STORAGE TANKS/VESSELS	N/A	63CC-0006	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal, Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb, Product Stored = Refined petroleum products, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)
T-5	STORAGE TANKS/VESSELS	N/A	63CC-006	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal, Group 1 Applicability = The storage vessel is also subject to 40 CFR

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Part 60, Subpart Kb and is complying with that rule, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Product Stored = Refined petroleum products, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)
T-5	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
T-5	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-546-1	STORAGE TANKS/VESSELS	N/A	R5112-0007	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-546-1	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-546-2	STORAGE TANKS/VESSELS	N/A	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-546-2	STORAGE	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS				
T-7842-1	STORAGE TANKS/VESSELS	N/A	R5112-0006	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-7842-1	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-7842-2	STORAGE TANKS/VESSELS	N/A	R5112-0007	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-7842-2	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-8010	STORAGE TANKS/VESSELS	N/A	R5112-0009	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-8010	STORAGE TANKS/VESSELS	N/A	60Kb-009	40 CFR Part 60, Subpart Kb	No changing attributes.
T-8010	STORAGE TANKS/VESSELS	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
T-8010	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	No changing attributes.
T-82	STORAGE TANKS/VESSELS	N/A	R5112-0004	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia
T-82	STORAGE TANKS/VESSELS	N/A	R5112-0008	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
T-82	STORAGE TANKS/VESSELS	N/A	63CC-0003	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
T-82	STORAGE TANKS/VESSELS	N/A	63CC-01A	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole float per 40 CFR § 63.1063(a)(2)(viii)(A), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-82	STORAGE TANKS/VESSELS	N/A	63CC-01B	40 CFR Part 63, Subpart CC	Seal Configuration = Mechanical shoe primary seal and a secondary seal, Slotted Guidepole = Slotted guidepole has a pole wiper and pole sleeve per 40 CFR § 63.1063(a)(2)(viii)(B), True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					(76.6 kPa), Group 1 Applicability = The storage vessel is complying with 40 CFR Part 63, Subpart CC requirements in § 63.660, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Emission Standard = Storage vessel is complying with 40 CFR Part 63, Subpart WW, WW Tank Control = An EFR is operated and maintained per 40 CFR § 63.1062(a)(2), Unslotted Guidepole = The tank does not use an unslotted guidepole, Slotted Ladder = Storage vessel does not have a ladder with at least one slotted leg
T-8400	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T-8400	STORAGE TANKS/VESSELS	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
T-8400	STORAGE TANKS/VESSELS	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
T-PS473D	STORAGE TANKS/VESSELS	N/A	R5112-0007	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK-8045	STORAGE TANKS/VESSELS	N/A	R5112-004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK-8045	STORAGE TANKS/VESSELS	N/A	61FF-0006	40 CFR Part 61, Subpart FF	No changing attributes.
TK-SRLUBE2	STORAGE TANKS/VESSELS	N/A	R5112-0007	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
UNLOAD-FATS	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
VACUUM	VACUUM PRODUCING SYSTEMS	N/A	R5131-2000	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
C-RCVENT	EU	R5211-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(3) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Liquefied petroleum gas. All loading and unloading of liquefied petroleum gas is exempt from the requirements of this division, except for the specified requirements.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
CARBON-1	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
CARBON-1	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	None
CARBON-2	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)		[G]§ 60.696(b)	§ 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(e)
CARBON-2	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	None
CAUSTICLD	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
CVS844	EP	R5131-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						from §115.121(a)(1) of this title.			
CVS844	EU	60Ja-03	N/A	40 CFR Part 60, Subpart Ja	§ 60.103a(i)	Each owner or operator of a delayed coking unit shall de-pressure to 5 lb psig or less prior to discharging the coke drum steam exhaust to the atmosphere. Until the coke drum pressure reaches 5 psig, the coke drum steam exhaust must be managed in an enclosed blowdown system and the uncondensed vapor must either be recovered or vented to the fuel gas system, a fuel gas combustion device or a flare.	§ 60.104a(c)	None	None
CVS844	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.657(a)(2)(i) § 63.642(b) § 63.642(n) § 63.657(a) [G]§ 63.657(f)	For delayed coking units at a new affected source, meet a vessel pressure of 2.0 psig or less for each decoking event.	[G]§ 63.657(b) § 63.657(d) [G]§ 63.657(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(7)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(viii) § 63.655(g) [G]§ 63.655(g)(12) § 63.655(g)(14)
DCU-844H1	EU	60Ja-01	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H ₂ S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)	§ 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
DCU-844H1	EU	60Ja-01	NO _x	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(2)(ii)(A) § 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(ii)	For each forced draft process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NO _x in excess of 60 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.104a(i)(8) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(ii)	§ 60.108a(a) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
DCU-844H1	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
DCU-844H2	EU	60Ja-01	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d)	For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H ₂ S in	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(i) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i)	§ 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H ₂ S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)		
DCU-844H2	EU	60Ja-01	NO _x	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(2)(ii)(A) § 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(ii)	For each forced draft process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NO _x in excess of 60 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.104a(i)(8) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(ii)	§ 60.108a(a) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
DCU-844H2	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						regulated emissions.			
E-01-1241	EU	R117-005	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.103(c) § 117.103(b)(2)	Attainment demonstration exemptions. Units exempted from §117.110 of this title (relating to Emission Specifications for Attainment Demonstration) include units exempted from emission specifications in subsection (b)(2)-(5) and (8) of this section.	None	§ 117.145(f) § 117.145(f)(6) § 117.145(f)(6)(A)	[G]§ 117.140(m)
E-01-1241	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-1344	EU	R7100-5	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a)(2)(B) § 117.140(d) § 117.140(e) § 117.8100(a)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)		§ 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-01-1344	EU	R7100-5	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) [G]§ 117.110(b)(1) § 117.130(d) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a)(2)(B) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii)) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		§ 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-01-1344	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-01-1344	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-146	EU	R7100-2	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a)(2)(A) § 117.140(d) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii)) § 117.8100(a)(1)(B)(iii)) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)		
E-01-146	EU	R7100-2	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) [G]§ 117.110(b)(1) § 117.130(d) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a)(2)(A) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							117.8100(a)(5)(E) § 117.8100(a)(6)		
E-01-146	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-01-146	EU	60Ja-0161	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H ₂ S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)	§ 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
E-01-146	EU	60Ja-0161	NO _x	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(2)(ii)(A) § 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(ii)	For each forced draft process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5)	§ 60.108a(a) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						atmosphere any emissions of NOx in excess of 60 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(i)(8) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(ii)		
E-01-146	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-147	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).			
E-01-147	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-241	EU	R7100-3	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(B) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
E-01-241	EU	R7100-3	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b)	No person shall allow the discharge into the atmosphere from any gas-	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b)	§ 117.145(a) § 117.145(f) § 117.145(f)(1)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 117.110(b)(2) § 117.130(d) § 117.140(k)	fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	§ 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(f)(9)	[G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
E-01-241	EU	60J-0024	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-01-241	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in §	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.			[G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-242	EU	R7100-3	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(B) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
E-01-242	EU	R7100-3	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) § 117.110(b)(2) § 117.130(d) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 117.8010(7)
E-01-242	EU	60J-0024	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-01-242	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-243	EU	R7100-4	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(B) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(7) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.140(a) § 117.140(d) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120 § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B) ** See Periodic Monitoring Summary		§ 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
E-01-243	EU	R7100-4	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) [G]§ 117.110(b)(1) § 117.130(d) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii)) § 117.8100(a)(1)(C) § 117.8100(a)(2)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) [G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		§ 117.8100(c)
E-01-243	EU	60Ja-0162	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H ₂ S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(i) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)	§ 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
E-01-243	EU	60Ja-0162	NO _x	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(2)(ii)(A) § 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(ii)	For each forced draft process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NO _x in excess of 60 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.104a(i)(8) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.107a(c)(6)	§ 60.108a(a) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(ii)		
E-01-243	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-244A	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-01-244A	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-244B	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-01-244B	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.			[G]§ 63.7550(h)
E-01-245	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-01-245	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-246	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)		
E-01-246	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-443	EU	R7100-2	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a)(2)(A) § 117.140(d)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)		§ 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-01-443	EU	R7100-2	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) [G]§ 117.110(b)(1) § 117.130(d) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a)(2)(A) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		§ 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-01-443	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-01-443	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3	A new or existing boiler or process heater without a	§ 63.7515(d) [G]§ 63.7521(f)	§ 63.7555(a) § 63.7555(a)(1)	[G]§ 63.7521(g) § 63.7530(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	[G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-843	EU	60J-0024	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-01-843	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in §	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.			[G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-942A	EU	60J-0024	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-01-942A	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-942B	EU	60J-0024	Hydrogen	40 CFR Part 60,	§ 60.104(a)(1)	No owner or operator	§ 60.105(a)(4)	§ 60.105(a)(4)	§ 60.105(e)(3)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			Sulfide	Subpart J		subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.107(f) § 60.107(g)
E-01-942B	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-942C	EU	60J-0024	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).			
E-01-942C	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-943A	EU	60Ja-0163	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H ₂ S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)	§ 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
E-01-943A	EU	60Ja-0163	NO _x	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(2)(i)(A)	For each natural draft process heater with a rated	§ 60.104a(a) § 60.104a(c)	§ 60.108a(a) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(i)	capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NOx in excess of 40 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.104a(i)(8) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(i)		[G]§ 60.108a(d)
E-01-943A	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-943B	EU	60Ja-0163	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5)	For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii)	§ 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.103a(e)	hour rolling average basis and H ₂ S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)		
E-01-943B	EU	60Ja-0163	NO _x	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(2)(i)(A) § 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(i)	For each natural draft process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NO _x in excess of 40 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.104a(i)(8) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(i)	§ 60.108a(a) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
E-01-943B	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-BH15	EU	R7117-	CO	30 TAC Chapter	§ 117.110(c)(1)	No person shall allow the	[G]§ 117.135(a)(1)	§ 117.145(a)	§ 117.135(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		001		117, Subchapter B	§ 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3)	discharge into the atmosphere from any boiler subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-01-BH15	EU	R7117-001	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(1) § 117.110(a)	No person shall allow the discharge into the	[G]§ 117.135(a)(1) § 117.135(a)(4)	§ 117.145(a) § 117.145(f)	§ 117.135(b) § 117.135(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 117.110(b) [G]§ 117.110(b)(1) § 117.130(d) § 117.130(d)(1) § 117.140(k)	atmosphere from any gas-fired boilers with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.10 lb/MMBtu of heat input.	§ 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(3) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)	[G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	[G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-01-BH15	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.7540(a)(10) § 63.7540(a)(13)	conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7560(b) § 63.7560(c)	[G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-BLR	EU	60Db-1	NO _x	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	On or after the §60.8 performance test is completed, no facility that commenced construction after 07/09/1997 shall discharge NO _x in excess 86 ng/J (0.20 lb/MMBtu) heat input if the facility combusts coal, oil, natural gas or a combination involving these fuels unless the facility is subject to and in compliance with a federally enforceable requirement that limits operation an annual capacity factor of 10 percent or less for coal, oil, and natural gas (or any combination of the three).	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
E-01-BLR	EU	60Db-1	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).			
E-01-BLR	EU	60Db-1	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
E-01-BLR	EU	60Db-2	NO _x	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	On or after the §60.8 performance test is completed, no facility that commenced construction after 07/09/1997 shall discharge NO _x in excess 86 ng/J (0.20 lb/MMBtu) heat input if the facility combusts coal, oil, natural gas or a combination involving these fuels unless the facility is subject to and in compliance with a federally enforceable requirement that limits operation an annual capacity factor of 10 percent or less for coal, oil, and natural gas (or any combination of the three).	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
E-01-BLR	EU	60Db-2	PM	40 CFR Part 60,	§ 60.40b(a)	The affected facility to which	None	[G]§ 60.49b(d)	§ 60.49b(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart Db		this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).		§ 60.49b(o)	§ 60.49b(a)(1) § 60.49b(a)(3)
E-01-BLR	EU	60Db-2	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
E-01-BLR	EU	60Db-3	NO _x	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						(MW) (100 million British thermal units per hour (MMBtu/hr)).			
E-01-BLR	EU	60Db-3	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
E-01-BLR	EU	60Db-3	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
E-01-BLR	EU	60Ja-02	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d) § 60.103a(d)(1)	For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H ₂ S in excess of 162 ppmv	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii)	§ 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.103a(d)(5) [G]§ 60.103a(e)	determined hourly on a 3-hour rolling average basis and H ₂ S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)		
E-01-BLR	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-01-SCOT	EU	R2007-0003	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a)	No person may cause, suffer, allow, or permit emissions of SO ₂ to exceed the emission limits specified for stack effluent flow rates less than or equal to 4,000 scfm as determined by the specified equation in §112.7(a).	§ 112.2(a) ** See CAM Summary	§ 112.2(c)	§ 112.2(b)
E-01-SCOT	EU	60Ja-0177	SO ₂	40 CFR Part 60, Subpart Ja	§ 60.102a(f)(1)(i) § 60.102a(a) § 60.102a(f) § 60.102a(f)(1) § 60.102a(f)(3) § 60.103a(c) § 60.103a(c)(3)	For a sulfur recovery plant with a design production capacity greater than 20 LTD with an oxidation control or a reduction control system followed by incineration, the owner or	§ 60.104a(a) § 60.104a(c) § 60.104a(h) § 60.104a(h)(1) § 60.104a(h)(2) § 60.104a(h)(3) § 60.104a(h)(4)	§ 60.102a(f)(3) § 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	operator shall not discharge SO ₂ gases into the atmosphere in excess of the emission limit calculated using Equation 1 in §60.102a(f)(1)(i) of this section.	§ 60.104a(h)(6) § 60.106a(a) [G]§ 60.106a(a)(1) [G]§ 60.106a(a)(6) § 60.106a(a)(7)(iv) § 60.106a(b) § 60.106a(b)(1)		
E-01-SCOT	EU	63UUU-SRU	SO ₂	40 CFR Part 63, Subpart UUU	§ 63.1568(a)(1)-Table 29.1.a § 63.1568(a)(1) § 63.1568(a)(2) § 63.1568(a)(2)-Table 30.1 § 63.1568(a)(2)-Table 30.6 § 63.1568(a)(3) § 63.1568(a)(4) § 63.1568(a)(4)(i) § 63.1568(a)(4)(iii) § 63.1568(b)(3) § 63.1568(b)(4) § 63.1568(b)(5) § 63.1568(b)(5)-Table 33.1.a § 63.1568(c)(1) § 63.1568(c)(1)-Table 35.1 § 63.1568(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)	For each new or existing Claus SRU part of a sulfur recovery plant with design capacity greater than 20 long tons per day and subject to NSPS for sulfur oxides in 40 CFR §60.104(a)(2) or §60.102a(f)(1), you must meet the emission limit for each process vent of 250 ppmv (dry basis) of sulfur dioxide (SO ₂) at zero percent excess air if you use an oxidation or reduction control system followed by incineration.	§ 63.1568(b)(1) § 63.1568(b)(1)-Table 31.1.a § 63.1568(b)(1)-Table 31.5 § 63.1568(c)(1)-Table 34.1.a § 63.1568(c)(1)-Table 35.5.a § 63.1568(c)(1)-Table 35.5.b § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(a) § 63.1572(a)(1) § 63.1572(a)(1)-Table 40.5 § 63.1572(a)(1)-Table 40.9 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d)	§ 63.1568(b)(1)-Table 31.1.a § 63.1568(c)(1)-Table 34.1.a § 63.1570(c) § 63.1570(d) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(c) § 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(k)(2) [G]§ 63.1575(l) [G]§ 63.1576(b)
E-01-WGSA	EU	60J-0011	CO	40 CFR Part 60, Subpart J	§ 60.103(a) § 60.105(a)(2)	No owner or operator shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator any gases that contain carbon	§ 60.105(a)(2) § 60.105(a)(2)(i) § 60.106(a) § 60.106(d)	§ 60.105(a)(2) § 60.105(c)	§ 60.105(e)(2) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						monoxide (CO) in excess of 500 ppm by volume (dry basis).			
E-01-WGSA	EU	60J-0011	PM	40 CFR Part 60, Subpart J	§ 60.102(a)(1)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator particulate matter in excess of 1.0 kg/Mg (2.0 lb/ton) of coke burn-off in the catalyst regenerator.	§ 60.106(a) § 60.106(b) § 60.106(b)(1) § 60.106(b)(2) [G]§ 60.106(b)(3)	§ 60.105(c)	§ 60.107(f) § 60.107(g)
E-01-WGSA	EU	60J-0011	PM (Opacity)	40 CFR Part 60, Subpart J	§ 60.102(a)(2)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator gases exhibiting greater than 30 percent opacity, except for one six-minute average opacity reading in any one hour period.	§ 60.105(a)(1) § 60.106(a) § 60.106(b) § 60.106(b)(4) ** See Alternative Requirement	§ 60.105(a)(1) § 60.105(c)	§ 60.105(e)(1) § 60.107(f) § 60.107(g)
E-01-WGSA	EU	60J-0011	SO ₂	40 CFR Part 60, Subpart J	§ 60.104(b)(1) § 60.104(c) § 60.104(d)	For each affected fluid catalytic cracking unit catalyst regenerator with an add-on control device, reduce sulfur dioxide emissions to the atmosphere by 90 percent or maintain sulfur dioxide emissions to the atmosphere less than or equal to 50 ppm by volume, whichever is less stringent.	§ 60.105(a)(10) § 60.105(a)(11) [G]§ 60.105(a)(12) [G]§ 60.105(a)(13) [G]§ 60.105(a)(8) [G]§ 60.105(a)(9) § 60.106(a) § 60.106(g) [G]§ 60.106(h) [G]§ 60.106(k) § 60.108(a) § 60.108(c)	§ 60.105(a)(10) § 60.105(a)(11) [G]§ 60.105(a)(12) [G]§ 60.105(a)(13) [G]§ 60.105(a)(8) [G]§ 60.105(a)(9) [G]§ 60.107(b)(1) § 60.107(b)(4)	§ 60.107(a) § 60.107(c) [G]§ 60.107(c)(1) § 60.107(c)(2) [G]§ 60.107(c)(3) [G]§ 60.107(c)(4) § 60.107(d) § 60.107(f) § 60.107(g) § 60.108(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.108(d) § 60.108(e)		
E-01-WGSA	EU	63UUU-1000	CO	40 CFR Part 63, Subpart UUU	§ 63.1565(a)(1)-Table 8.1 § 63.1565(a)(1) § 63.1565(a)(2) § 63.1565(a)(2)-Table 9.1 § 63.1565(a)(2)-Table 9.3 § 63.1565(a)(3) § 63.1565(a)(4) § 63.1565(a)(5) § 63.1565(b)(4) § 63.1565(b)(4)-Table 12.1 § 63.1565(c)(1) § 63.1565(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)	For each new and existing CCU subject to the NSPS for CO in 40 CFR §60.103 or §60.102a(b)(4) or electing to comply with the NSPS requirements (Option 1), CO emissions from the catalyst regenerator vent or CO boiler serving the CCU must not exceed 500 parts per million volume (ppmv) (dry basis).	§ 63.1565(b)(1) § 63.1565(b)(1)-Table 10.1 § 63.1565(b)(1)-Table 10.3 § 63.1565(c)(1)-Table 13.1 § 63.1565(c)(1)-Table 14.1 § 63.1565(c)(1)-Table 14.3 § 63.1571(a) § 63.1571(a)(1) § 63.1571(a)(2) [G]§ 63.1571(a)(6) § 63.1572(a) § 63.1572(a)(1) § 63.1572(a)(1)-Table 40.3 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d)	§ 63.1565(b)(1)-Table 10.1 § 63.1565(c)(1)-Table 14.3 § 63.1570(c) § 63.1570(d) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1565(b)(5) § 63.1565(b)(6) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h) [G]§ 63.1575(i) § 63.1575(k) § 63.1575(k)(1) [G]§ 63.1575(k)(2) § 63.1575(l) § 63.1576(b)
E-01-WGSA	EU	63UUU-1000	PM	40 CFR Part 63, Subpart UUU	§ 63.1564(a)(1)-Table 1.1 § 63.1564(a)(1) § 63.1564(a)(2) § 63.1564(a)(2)-Table 2.10 § 63.1564(a)(3) § 63.1564(a)(4) [G]§ 63.1564(a)(5) § 63.1564(b)(3) § 63.1564(b)(5) § 63.1564(b)(5)-Table 5.1	For each new or existing CCU subject to NSPS for PM in 40 CFR §60.102, PM emissions must not exceed 1.0 g/kg (1.0 lb/1,000 lbs) of coke burn-off.	§ 63.1564(b)(1) § 63.1564(b)(1)-Table 3.12 [G]§ 63.1564(c)(1)-Table 6.1.a § 63.1564(c)(2) § 63.1570(c) § 63.1570(d) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) [G]§ 63.1576(c)(1)-Table 6.1.a § 63.1571(a)	§ 63.1564(b)(1)-Table 3.12 [G]§ 63.1564(c)(1)-Table 6.1.a § 63.1564(c)(2) § 63.1570(c) § 63.1570(d) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) [G]§ 63.1576(c)(1)-Table 6.1.a § 63.1576(g) § 63.1576(h)	§ 63.1564(b)(6) § 63.1564(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1573(f) § 63.1573(g)(3) [G]§ 63.1574(a) § 63.1574(c) § 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1564(c)(1) § 63.1564(c)(1)-Table 7.10 [G]§ 63.1564(c)(5) § 63.1570(a) § 63.1570(c) § 63.1570(d) [G]§ 63.1573(g)(1) § 63.1573(g)(2)		§ 63.1571(a)(1) § 63.1571(a)(5)(ii) [G]§ 63.1571(b) [G]§ 63.1572(d) § 63.1573(d) § 63.1573(e)	§ 63.1576(i)	§ 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(i) § 63.1575(k) [G]§ 63.1575(k)(1) § 63.1575(l)
E-01-WGSA	EU	63UUU-1000	PM (Opacity)	40 CFR Part 63, Subpart UUU	§ 63.1564(a)(1)-Table 1.1 § 63.1564(a)(1) § 63.1564(a)(2) § 63.1564(a)(2)-Table 2.1 § 63.1564(a)(2)-Table 2.10 § 63.1564(a)(3) § 63.1564(a)(4) [G]§ 63.1564(a)(5) § 63.1564(b)(3) § 63.1564(b)(5) § 63.1564(b)(5)-Table 5.1 § 63.1564(c)(1) § 63.1564(c)(1)-Table 7.10 [G]§ 63.1564(c)(5) § 63.1570(b) § 63.1570(c) § 63.1570(d) [G]§ 63.1573(g)(1) [G]§ 63.1573(g)(2)	For each new or existing CCU subject to NSPS for PM in 40 CFR §60.102, the opacity of emissions must not exceed 30%, except for one 6-minute average opacity reading in any 1-hour period.	§ 63.1564(b)(1) § 63.1564(b)(1)-Table 3.1 § 63.1564(b)(1)-Table 3.12 § 63.1564(b)(2) § 63.1564(b)(2)-Table 4.1 § 63.1564(b)(2)-Table 4.2.c [G]§ 63.1564(c)(1)-Table 6.1.a § 63.1564(c)(1)-Table 7.1 § 63.1564(c)(2) § 63.1570(c) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i) § 63.1571(a) § 63.1571(a)(1) § 63.1571(a)(5) [G]§ 63.1571(b) [G]§ 63.1572(d) [G]§ 63.1573(d) § 63.1573(e) ** See Alternative Requirement	§ 63.1564(b)(1)-Table 3.1 § 63.1564(b)(1)-Table 3.12 [G]§ 63.1564(c)(1)-Table 6.1.a § 63.1564(c)(1)-Table 7.1 § 63.1564(c)(2) § 63.1570(c) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1564(b)(6) § 63.1564(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1573(f) § 63.1573(g)(3) [G]§ 63.1574(a) § 63.1574(c) § 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(i) § 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(l)
E-02-1241	EU	R117-005	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.103(c) § 117.103(b)(2)	Attainment demonstration exemptions. Units exempted from §117.110 of	None	§ 117.145(f) § 117.145(f)(6) § 117.145(f)(6)(A)	[G]§ 117.140(m)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						this title (relating to Emission Specifications for Attainment Demonstration) include units exempted from emission specifications in subsection (b)(2)-(5) and (8) of this section.			
E-02-1241	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-02-1344A	EU	R7100-4	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(B) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							Summary		
E-02-1344A	EU	R7100-4	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) § 117.110(b)(2) § 117.130(d) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
E-02-1344A	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-02-1344A	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-02-1344B	EU	R7100-4	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(B) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
E-02-1344B	EU	R7100-4	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) § 117.110(b)(2) § 117.130(d) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)		[G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
E-02-1344B	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-02-1344B	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-02-146	EU	R7100-2	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c)	No person shall allow the discharge into the	[G]§ 117.135(a)(1) § 117.135(a)(4)	§ 117.145(a) § 117.145(f)	§ 117.135(b) § 117.135(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 117.110(c)(1)(A) § 117.110(c)(3)	atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a)(2)(A) § 117.140(d) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	[G]§ 117.145(f)(2) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	[G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-02-146	EU	R7100-2	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) [G]§ 117.110(b)(1) § 117.130(d)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 117.140(k)	equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	§ 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a)(2)(A) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)	§ 117.8100(a)(5)(C)	§ 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-02-146	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).			
E-02-146	EU	60Ja-0161	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H ₂ S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)	§ 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
E-02-146	EU	60Ja-0161	NO _x	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(2)(ii)(A) § 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(ii)	For each forced draft process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NO _x in excess of 60 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.104a(i)(8) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(ii)	§ 60.108a(a) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
E-02-146	EU	63DDDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)	A new or existing boiler or process heater without a continuous oxygen trim	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-02-147	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-02-147	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.			[G]§ 63.7550(c) [G]§ 63.7550(h)
E-02-843	EU	60J-0024	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-02-843	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-02-943	EU	60Ja-0161	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a)	For each fuel gas combustion device the	§ 60.104a(a) § 60.104a(c)	§ 60.108a(a) § 60.108a(c)	§ 60.108a(a) § 60.108a(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H ₂ S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	[G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)	[G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.108a(d)
E-02-943	EU	60Ja-0161	NO _x	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(2)(ii)(A) § 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(ii)	For each forced draft process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NO _x in excess of 60 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.104a(i)(8) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(ii)	§ 60.108a(a) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
E-02-943	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b)

Applicable Requirements Summary

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						Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.			[G]§ 63.7550(c) [G]§ 63.7550(h)
E-02-BH15	EU	R7117-001	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any boiler subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii)) § 117.8100(a)(1)(B)(iii)) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)		
E-02-BH15	EU	R7117-001	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(1) § 117.110(a) § 117.110(b) [G]§ 117.110(b)(1) § 117.130(d) § 117.130(d)(1) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired boilers with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.10 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(3) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
E-02-BH15	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-02-SCOT	EU	R2007-0003	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a)	No person may cause, suffer, allow, or permit emissions of SO ₂ to exceed the emission limits specified for stack effluent flow rates less than or equal to 4,000 scfm as determined by the specified equation in §112.7(a).	§ 112.2(a) ** See CAM Summary	§ 112.2(c)	§ 112.2(b)
E-02-SCOT	EU	60Ja-0177	SO ₂	40 CFR Part 60, Subpart Ja	§ 60.102a(f)(1)(i) § 60.102a(a) § 60.102a(f) § 60.102a(f)(1) § 60.102a(f)(3) § 60.103a(c) § 60.103a(c)(3) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	For a sulfur recovery plant with a design production capacity greater than 20 LTD with an oxidation control or a reduction control system followed by incineration, the owner or operator shall not discharge SO ₂ gases into the atmosphere in excess of the emission limit calculated using Equation 1 in §60.102a(f)(1)(i) of this	§ 60.104a(a) § 60.104a(c) § 60.104a(h) § 60.104a(h)(1) § 60.104a(h)(2) § 60.104a(h)(3) § 60.104a(h)(4) § 60.104a(h)(6) § 60.106a(a) [G]§ 60.106a(a)(1) [G]§ 60.106a(a)(6) § 60.106a(a)(7)(iv) § 60.106a(b)	§ 60.102a(f)(3) § 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						section.	§ 60.106a(b)(1)		
E-02-SCOT	EU	63UUU-SRU	SO ₂	40 CFR Part 63, Subpart UUU	§ 63.1568(a)(1)-Table 29.1.a § 63.1568(a)(1) § 63.1568(a)(2) § 63.1568(a)(2)-Table 30.1 § 63.1568(a)(2)-Table 30.6 § 63.1568(a)(3) § 63.1568(a)(4) § 63.1568(a)(4)(i) § 63.1568(a)(4)(iii) § 63.1568(b)(3) § 63.1568(b)(4) § 63.1568(b)(5) § 63.1568(b)(5)-Table 33.1.a § 63.1568(c)(1) § 63.1568(c)(1)-Table 35.1 § 63.1568(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)	For each new or existing Claus SRU part of a sulfur recovery plant with design capacity greater than 20 long tons per day and subject to NSPS for sulfur oxides in 40 CFR §60.104(a)(2) or §60.102a(f)(1), you must meet the emission limit for each process vent of 250 ppmv (dry basis) of sulfur dioxide (SO ₂) at zero percent excess air if you use an oxidation or reduction control system followed by incineration.	§ 63.1568(b)(1) § 63.1568(b)(1)-Table 31.1.a § 63.1568(b)(1)-Table 31.1.a § 63.1568(b)(1)-Table 31.5 § 63.1568(c)(1)-Table 34.1.a § 63.1570(c) § 63.1570(d) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(a) § 63.1572(a)(1) § 63.1572(a)(1)-Table 40.5 § 63.1572(a)(1)-Table 40.9 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d)	§ 63.1568(b)(1)-Table 31.1.a § 63.1568(c)(1)-Table 34.1.a § 63.1570(c) § 63.1570(d) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(c) § 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(k)(2) [G]§ 63.1575(l) [G]§ 63.1576(b)
E-03-1344A	EU	R7100-6	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a)(2)(A) § 117.140(d) § 117.140(e) § 117.8100(a) § 117.8100(a)(1)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)		§ 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-03-1344A	EU	R7100-6	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) [G]§ 117.110(b)(1) § 117.130(d) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a)(2)(A) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii)) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		§ 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-03-1344A	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-03-1344A	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-03-1344B	EU	R7100-6	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a)(2)(A) § 117.140(d) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii)) § 117.8100(a)(1)(B)(iii)) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)		
E-03-1344B	EU	R7100-6	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) [G]§ 117.110(b)(1) § 117.130(d) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a)(2)(A) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii)) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.8100(a)(6)		
E-03-1344B	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-03-1344B	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-03-1344C	EU	R7100-6	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO _x emission specifications in § 117.110(a) CO in	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(f)(3) § 117.135(g) § 117.140(a)(2)(A) § 117.140(d) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii)) § 117.8100(a)(1)(B)(iii)) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.8100(a)(5)(C)	§ 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-03-1344C	EU	R7100-6	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 117.110(a) § 117.110(b) [G]§ 117.110(b)(1) § 117.130(d) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired process heaters with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.08 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a)(2)(A)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		§ 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
E-03-1344C	EU	60J-0023	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						limitation in §60.104(a)(1).			
E-03-1344C	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-03-843	EU	60J-0024	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H ₂ S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(iii)	§ 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
E-03-843	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.7540(a)(10) § 63.7540(a)(13)	conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7560(b) § 63.7560(c)	[G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-03-BH15	EU	R7117-001	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any boiler subject to NO _x emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii)) § 117.8100(a)(1)(B)(iii)) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B)	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)		
E-03-BH15	EU	R7117-001	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(1) § 117.110(a) § 117.110(b) [G]§ 117.110(b)(1) § 117.130(d) § 117.130(d)(1) § 117.140(k)	No person shall allow the discharge into the atmosphere from any gas-fired boilers with a maximum rated capacity equal to or greater than 40 MMBtu emissions of NO _x in excess of 0.10 lb/MMBtu of heat input.	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(3) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(e) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) [G]§ 117.8100(a)(3) § 117.8100(a)(4) § 117.8100(a)(5) § 117.8100(a)(5)(A) § 117.8100(a)(5)(B) [G]§	§ 117.145(a) § 117.145(f) [G]§ 117.145(f)(2) § 117.145(f)(8) § 117.145(f)(9) § 117.8100(a)(5)(C)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		
E-03-BH15	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-03-SCOT	EU	R2007-0003	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a)	No person may cause, suffer, allow, or permit emissions of SO ₂ to exceed the emission limits specified for stack effluent flow rates less than or equal to 4,000 scfm as determined by the specified equation in §112.7(a).	§ 112.2(a) ** See CAM Summary	§ 112.2(c)	§ 112.2(b)
E-03-SCOT	EU	60Ja-0177	SO ₂	40 CFR Part 60, Subpart Ja	§ 60.102a(f)(1)(i) § 60.102a(a) § 60.102a(f) § 60.102a(f)(1) § 60.102a(f)(3) § 60.103a(c) § 60.103a(c)(3) § 60.103a(d) § 60.103a(d)(1)	For a sulfur recovery plant with a design production capacity greater than 20 LTD with an oxidation control or a reduction control system followed by incineration, the owner or operator shall not discharge SO ₂ gases into the	§ 60.104a(a) § 60.104a(c) § 60.104a(h) § 60.104a(h)(1) § 60.104a(h)(2) § 60.104a(h)(3) § 60.104a(h)(4) § 60.104a(h)(6) § 60.106a(a)	§ 60.102a(f)(3) § 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.103a(d)(5) [G]§ 60.103a(e)	atmosphere in excess of the emission limit calculated using Equation 1 in §60.102a(f)(1)(i) of this section.	[G]§ 60.106a(a)(1) [G]§ 60.106a(a)(6) § 60.106a(a)(7)(iv) § 60.106a(b) § 60.106a(b)(1)		
E-03-SCOT	EU	63UUU-SRU	SO ₂	40 CFR Part 63, Subpart UUU	§ 63.1568(a)(1)-Table 29.1.a § 63.1568(a)(1) § 63.1568(a)(2) § 63.1568(a)(2)-Table 30.1 § 63.1568(a)(2)-Table 30.6 § 63.1568(a)(3) § 63.1568(a)(4) § 63.1568(a)(4)(i) § 63.1568(a)(4)(iii) § 63.1568(b)(3) § 63.1568(b)(4) § 63.1568(b)(5) § 63.1568(b)(5)-Table 33.1.a § 63.1568(c)(1) § 63.1568(c)(1)-Table 35.1 § 63.1568(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)	For each new or existing Claus SRU part of a sulfur recovery plant with design capacity greater than 20 long tons per day and subject to NSPS for sulfur oxides in 40 CFR §60.104(a)(2) or §60.102a(f)(1), you must meet the emission limit for each process vent of 250 ppmv (dry basis) of sulfur dioxide (SO ₂) at zero percent excess air if you use an oxidation or reduction control system followed by incineration.	§ 63.1568(b)(1) § 63.1568(b)(1)-Table 31.1.a § 63.1568(b)(1)-Table 31.5 § 63.1568(c)(1)-Table 34.1.a § 63.1568(c)(1)-Table 35.5.a § 63.1568(c)(1)-Table 35.5.b § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(a) § 63.1572(a)(1) § 63.1572(a)(1)-Table 40.5 § 63.1572(a)(1)-Table 40.9 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d)	§ 63.1568(b)(1)-Table 31.1.a § 63.1568(c)(1)-Table 34.1.a § 63.1570(c) § 63.1570(d) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(c) § 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(k)(2) [G]§ 63.1575(l) [G]§ 63.1576(b)
E-04-SCOT	EU	R2007-0003	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a)	No person may cause, suffer, allow, or permit emissions of SO ₂ to exceed the emission limits specified for stack effluent flow rates less than or equal to 4,000 scfm as determined by the specified equation in §112.7(a).	§ 112.2(a) ** See CAM Summary	§ 112.2(c)	§ 112.2(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
E-04-SCOT	EU	60Ja-0177	SO ₂	40 CFR Part 60, Subpart Ja	§ 60.102a(f)(1)(i) § 60.102a(a) § 60.102a(f) § 60.102a(f)(1) § 60.102a(f)(3) § 60.103a(c) § 60.103a(c)(3) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	For a sulfur recovery plant with a design production capacity greater than 20 LTD with an oxidation control or a reduction control system followed by incineration, the owner or operator shall not discharge SO ₂ gases into the atmosphere in excess of the emission limit calculated using Equation 1 in §60.102a(f)(1)(i) of this section.	§ 60.104a(a) § 60.104a(c) § 60.104a(h) § 60.104a(h)(1) § 60.104a(h)(2) § 60.104a(h)(3) § 60.104a(h)(4) § 60.104a(h)(6) § 60.106a(a) [G]§ 60.106a(a)(1) [G]§ 60.106a(a)(6) § 60.106a(a)(7)(iv) § 60.106a(b) § 60.106a(b)(1)	§ 60.102a(f)(3) § 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
E-04-SCOT	EU	63UUU-SRU	SO ₂	40 CFR Part 63, Subpart UUU	§ 63.1568(a)(1)-Table 29.1.a § 63.1568(a)(1) § 63.1568(a)(2) § 63.1568(a)(2)-Table 30.1 § 63.1568(a)(2)-Table 30.6 § 63.1568(a)(3) § 63.1568(a)(4) § 63.1568(a)(4)(i) § 63.1568(a)(4)(iii) § 63.1568(b)(3) § 63.1568(b)(4) § 63.1568(b)(5) § 63.1568(b)(5)-Table 33.1.a § 63.1568(c)(1) § 63.1568(c)(1)-Table 35.1 § 63.1568(c)(2) § 63.1570(a) § 63.1570(c)	For each new or existing Claus SRU part of a sulfur recovery plant with design capacity greater than 20 long tons per day and subject to NSPS for sulfur oxides in 40 CFR §60.104(a)(2) or §60.102a(f)(1), you must meet the emission limit for each process vent of 250 ppmv (dry basis) of sulfur dioxide (SO ₂) at zero percent excess air if you use an oxidation or reduction control system followed by incineration.	§ 63.1568(b)(1) § 63.1568(b)(1)-Table 31.1.a § 63.1568(b)(1)-Table 31.5 § 63.1568(c)(1)-Table 34.1.a § 63.1568(c)(1)-Table 35.5.a § 63.1568(c)(1)-Table 35.5.b § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(a) § 63.1572(a)(1) § 63.1572(a)(1)-Table 40.5 § 63.1572(a)(1)-Table 40.9 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4)	§ 63.1568(b)(1)-Table 31.1.a § 63.1568(c)(1)-Table 34.1.a § 63.1570(c) § 63.1570(d) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(c) § 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(k)(2) [G]§ 63.1575(l) [G]§ 63.1576(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1570(d)		[G]§ 63.1572(d)		
E-05-FLARE	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
E-05-FLARE	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
E-05-FLARE	CD	63CC-2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	[G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	[G]§ 63.671(b)	
E-05-SCOT	EU	R2007-1	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a)	No person may cause, suffer, allow, or permit emissions of SO ₂ to exceed the emission limits specified for stack effluent flow rates less than or equal to 4,000 scfm as determined by the specified equation in §112.7(a).	§ 112.2(a) ** See CAM Summary	§ 112.2(c)	§ 112.2(b)
E-05-SCOT	EU	60Ja-02	SO ₂	40 CFR Part 60, Subpart Ja	§ 60.102a(f)(1)(i) § 60.102a(a) § 60.102a(f) § 60.102a(f)(1) § 60.102a(f)(3) § 60.103a(c) § 60.103a(c)(3) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	For a sulfur recovery plant with a design production capacity greater than 20 LTD with an oxidation control or a reduction control system followed by incineration, the owner or operator shall not discharge SO ₂ gases into the atmosphere in excess of the emission limit calculated using Equation 1 in §60.102a(f)(1)(i) of this section.	§ 60.104a(a) § 60.104a(c) § 60.104a(h) § 60.104a(h)(1) § 60.104a(h)(2) § 60.104a(h)(3) § 60.104a(h)(4) § 60.104a(h)(6) § 60.106a(a) [G]§ 60.106a(a)(1) [G]§ 60.106a(a)(6) § 60.106a(a)(7)(iv) § 60.106a(b) § 60.106a(b)(1)	§ 60.102a(f)(3) § 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
E-05-SCOT	EU	63UUU-1	SO ₂	40 CFR Part 63, Subpart UUU	§ 63.1568(a)(1)-Table 29.1.a § 63.1568(a)(1) § 63.1568(a)(2) § 63.1568(a)(2)-Table 30.1	For each new or existing Claus SRU part of a sulfur recovery plant with design capacity greater than 20 long tons per day and subject to NSPS for sulfur	§ 63.1568(b)(1) § 63.1568(b)(1)-Table 31.1.a Table 31.1.a § 63.1568(b)(1)-Table 31.5 § 63.1568(c)(1)-	§ 63.1568(b)(1)-Table 31.1.a § 63.1568(c)(1)-Table 34.1.a § 63.1570(c) § 63.1570(d)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1568(a)(2)-Table 30.6 § 63.1568(a)(3) § 63.1568(a)(4) § 63.1568(a)(4)(i) § 63.1568(a)(4)(iii) § 63.1568(b)(3) § 63.1568(b)(4) § 63.1568(b)(5) § 63.1568(b)(5)-Table 33.1.a § 63.1568(c)(1) § 63.1568(c)(1)-Table 35.1 § 63.1568(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)	oxides in 40 CFR §60.104(a)(2) or §60.102a(f)(1), you must meet the emission limit for each process vent of 250 ppmv (dry basis) of sulfur dioxide (SO ₂) at zero percent excess air if you use an oxidation or reduction control system followed by incineration.	Table 34.1.a § 63.1568(c)(1)-Table 35.5.a § 63.1568(c)(1)-Table 35.5.b § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(a) § 63.1572(a)(1) § 63.1572(a)(1)-Table 40.5 § 63.1572(a)(1)-Table 40.9 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d)	[G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(k)(2) [G]§ 63.1575(l) [G]§ 63.1576(b)
E-06-843A	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-06-843B	EU	63DDDDD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
E-103B-FLARE	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
E-103B-FLARE	EU	60Ja-0121	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c) [G]§ 60.103a(c)(1) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(2) § 60.103a(d)(3) § 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H2S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(i) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(v) § 60.107a(a)(2)(vi) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) § 60.107a(i) § 60.107a(i)(2)(i)	§ 60.108a(c) § 60.108a(c)(1) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.103a(b) [G]§ 60.108a(d)
E-103B-FLARE	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b)	Visible emissions. The owner or operator shall	§ 63.642(d)(1) § 63.670(b)	§ 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	[G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	[G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
E-103B-FLARE	CD	63CC-2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
E-13-FLARE	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than	§ 111.111(a)(4)(A)(i) §	§ 111.111(a)(4)(A)(ii)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	111.111(a)(4)(A)(ii)		
E-13-FLARE	EU	60Ja-0122	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c) [G]§ 60.103a(c)(1) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(2) § 60.103a(d)(3) § 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f) [G]§ 60.107a(b) [G]§ 60.107a(e)(4)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(i) § 60.107a(i)(2)(ii)	§ 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.103a(b) [G]§ 60.108a(d)
E-13-FLARE	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
E-13-FLARE	CD	63CC-2	Opacity	40 CFR Part 63,	§ 63.670(c)	Visible emissions. The	§ 63.642(d)(1)	§ 63.655(i)	§ 63.642(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart CC	§ 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
E-15-FLARE	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
E-15-FLARE	EU	60Ja-0121	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c) [G]§ 60.103a(c)(1) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(2) § 60.103a(d)(3) § 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H2S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(v) § 60.107a(a)(2)(vi) § 60.107a(e)	§ 60.108a(c) § 60.108a(c)(1) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.103a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						emergency malfunctions is exempt from this limit.	[G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) § 60.107a(i) § 60.107a(i)(2)(i)		
E-15-FLARE	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
E-15-FLARE	CD	63CC-2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	[G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)		
E-18-FLARE	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
E-18-FLARE	EU	60Ja-0121	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c) [G]§ 60.103a(c)(1) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(2) § 60.103a(d)(3) § 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(v) § 60.107a(a)(2)(vi) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) § 60.107a(i) § 60.107a(i)(2)(i)	§ 60.108a(c) § 60.108a(c)(1) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.103a(b) [G]§ 60.108a(d)
E-18-FLARE	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	[G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	[G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.670(q)
E-18-FLARE	CD	63CC-2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
E-19-FLARE	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
E-19-FLARE	EU	60Ja-0121	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c) [G]§ 60.103a(c)(1) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(2) § 60.103a(d)(3) § 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(v) § 60.107a(a)(2)(vi) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) § 60.107a(i) § 60.107a(i)(2)(i)	§ 60.108a(c) § 60.108a(c)(1) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.103a(b) [G]§ 60.108a(d)
E-19-FLARE	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
E-19-FLARE	CD	63CC-2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b)	Visible emissions. The owner or operator shall	§ 63.642(d)(1) § 63.670(b)	§ 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	[G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	[G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
E-20-FLARE	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
E-20-FLARE	EU	60Ja-0121	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c) [G]§ 60.103a(c)(1) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(2) § 60.103a(d)(3) § 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H2S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(v) § 60.107a(a)(2)(vi) § 60.107a(e) [G]§ 60.107a(e)(1)	§ 60.108a(c) § 60.108a(c)(1) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.103a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						exempt from this limit.	[G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) § 60.107a(i) § 60.107a(i)(2)(i)		
E-20-FLARE	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
E-20-FLARE	CD	63CC-2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	monitor for visible emissions from the flare as specified in §63.670(h).	[G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)		
E-22-FLARE	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
E-22-FLARE	EU	60Ja-0121	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c) [G]§ 60.103a(c)(1) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(2) § 60.103a(d)(3) § 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H2S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(v) § 60.107a(a)(2)(vi) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) § 60.107a(i) § 60.107a(i)(2)(i)	§ 60.108a(c) § 60.108a(c)(1) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.103a(b) [G]§ 60.108a(d)
E-22-FLARE	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	[G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	
E-22-FLARE	CD	63CC-2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
E-23-FLARE	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
E-23-FLARE	EU	60Ja-0121	Hydrogen	40 CFR Part 60,	§ 60.103a(h)	Each owner or operator	[G]§ 60.103a(a)	§ 60.108a(c)	[G]§ 60.103a(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			Sulfide	Subpart Ja	[G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c) [G]§ 60.103a(c)(1) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(2) § 60.103a(d)(3) § 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f)	shall not burn in any affected flare any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(v) § 60.107a(a)(2)(vi) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) § 60.107a(i) § 60.107a(i)(2)(i)	§ 60.108a(c)(1) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.108a(d)
E-23-FLARE	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f) ** See Alternative Requirement	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
E-23-FLARE	CD	63CC-2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f) ** See Alternative Requirement	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
E-26-FLARE	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
E-26-FLARE	EU	60Ja-0121	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c) [G]§ 60.103a(c)(1) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(2) § 60.103a(d)(3)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H2S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii)	§ 60.108a(c) § 60.108a(c)(1) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.103a(b) [G]§ 60.108a(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f)	gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.107a(a)(2)(v) § 60.107a(a)(2)(vi) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) § 60.107a(i) § 60.107a(i)(2)(i)		
E-26-FLARE	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
E-26-FLARE	CD	63CC-2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	[G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	[G]§ 63.671(b)	
E-BERTH0-0	EU	63CC-2502	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.642(b) § 63.642(n)	Except as provided in §63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) § 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
E-BERTH1-1	EU	61BB-0002	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 61.302(b) § 61.302(f) § 61.302(g) § 61.302(j) § 61.302(k) § 61.303(e)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.304(a)(1) § 61.304(a)(2) § 61.304(a)(4) § 61.304(a)(4)(i) § 61.304(a)(4)(ii) § 61.304(a)(4)(iii) § 61.304(a)(4)(iv) § 61.304(a)(5) § 61.304(a)(6) § 61.304(a)(7) § 61.304(d)(1) § 61.304(d)(2) § 61.304(d)(3) § 61.304(e)	§ 61.304(a)(4)(i) § 61.304(d)(3) § 61.305(a) § 61.305(b)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1)
E-BERTH1-1	EU	63CC-2502	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.642(b) § 63.642(n)	Except as provided in §63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) § 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§§63.560 through 63.568.			
E-BERTH1-1	EU	63Y-0003	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(2) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(a)(2) § 63.563(a)(3)	Marine tank vessel loading operations shall apply MACT standards, except for the VMT source.	[G]§ 63.562(b)(6) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) § 63.563(b)(4) § 63.563(b)(4)(ii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(c) § 63.564(e)(2) § 63.564(e)(4) [G]§ 63.565(b) [G]§ 63.565(d) § 63.565(f) § 63.565(f)(1) § 63.565(l)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(e)(2) [G]§ 63.565(d) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(b)(5)(ii) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)
E-BERTH1-2	EU	61BB-0002	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 61.302(b) § 61.302(f) § 61.302(g) § 61.302(j) § 61.302(k) § 61.303(e)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.304(a)(1) § 61.304(a)(2) § 61.304(a)(4) § 61.304(a)(4)(i) § 61.304(a)(4)(ii) § 61.304(a)(4)(iii) § 61.304(a)(4)(iv) § 61.304(a)(5) § 61.304(a)(6) § 61.304(a)(7) § 61.304(d)(1) § 61.304(d)(2) § 61.304(d)(3) § 61.304(e)	§ 61.304(a)(4)(i) § 61.304(d)(3) § 61.305(a) § 61.305(b)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1)
E-BERTH1-	EU	63CC-	112(B)	40 CFR Part 63,	§ 63.651(a)	Except as provided in	§ 63.642(d)(1)	§ 63.642(d)(3)	§ 63.642(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
2		2502	HAPS	Subpart CC	§ 63.642(b) § 63.642(n)	§63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	§ 63.642(d)(3) § 63.642(d)(4)	§ 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(c)
E-BERTH1-2	EU	63Y-0003	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(2) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(a)(2) § 63.563(a)(3)	Marine tank vessel loading operations shall apply MACT standards, except for the VMT source.	[G]§ 63.562(b)(6) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) § 63.563(b)(4) § 63.563(b)(4)(ii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(c) § 63.564(e)(2) § 63.564(e)(4) [G]§ 63.565(b) [G]§ 63.565(d) § 63.565(f) § 63.565(f)(1) § 63.565(l)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(e)(2) [G]§ 63.565(d) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(b)(5)(ii) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)
E-BERTH2-5	EU	61BB-0002	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 61.302(b) § 61.302(f) § 61.302(g) § 61.302(j) § 61.302(k) § 61.303(e)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.304(a)(1) § 61.304(a)(2) § 61.304(a)(4) § 61.304(a)(4)(i) § 61.304(a)(4)(ii) § 61.304(a)(4)(iii) § 61.304(a)(4)(iv) § 61.304(a)(5) § 61.304(a)(6)	§ 61.304(a)(4)(i) § 61.304(d)(3) § 61.305(a) § 61.305(b)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 61.304(a)(7) § 61.304(d)(1) § 61.304(d)(2) § 61.304(d)(3) § 61.304(e)		
E-BERTH2-5	EU	63CC-2502	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.642(b) § 63.642(n)	Except as provided in §63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) § 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
E-BERTH2-5	EU	63Y-0003	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(2) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(a)(2) § 63.563(a)(3)	Marine tank vessel loading operations shall apply MACT standards, except for the VMT source.	[G]§ 63.562(b)(6) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) § 63.563(b)(4) § 63.563(b)(4)(ii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(c) § 63.564(e)(2) § 63.564(e)(4) [G]§ 63.565(b) [G]§ 63.565(d) § 63.565(f) § 63.565(f)(1) § 63.565(l)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(e)(2) [G]§ 63.565(d) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(b)(5)(ii) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)
E-BERTH2-6	EU	61BB-0002	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 61.302(b) § 61.302(f) § 61.302(g)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and	§ 61.302(k) § 61.304(a)(1) § 61.304(a)(2) § 61.304(a)(4)	§ 61.304(a)(4)(i) § 61.304(d)(3) § 61.305(a) § 61.305(b)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.302(j) § 61.302(k) § 61.303(e)	prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.304(a)(4)(i) § 61.304(a)(4)(ii) § 61.304(a)(4)(iii) § 61.304(a)(4)(iv) § 61.304(a)(5) § 61.304(a)(6) § 61.304(a)(7) § 61.304(d)(1) § 61.304(d)(2) § 61.304(d)(3) § 61.304(e)		§ 61.305(f)(1)
E-BERTH2-6	EU	63CC-2502	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.642(b) § 63.642(n)	Except as provided in §63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) § 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
E-BERTH2-6	EU	63Y-0003	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(2) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(a)(2) § 63.563(a)(3)	Marine tank vessel loading operations shall apply MACT standards, except for the VMT source.	[G]§ 63.562(b)(6) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) § 63.563(b)(4) § 63.563(b)(4)(ii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(c) § 63.564(e)(2) § 63.564(e)(4) [G]§ 63.565(b) [G]§ 63.565(d) § 63.565(f)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(e)(2) [G]§ 63.565(d) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(b)(5)(ii) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.565(f)(1) § 63.565(l)		
E-BERTH3-7	EU	61BB-0002	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 61.302(b) § 61.302(f) § 61.302(g) § 61.302(j) § 61.302(k) § 61.303(e)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.304(a)(1) § 61.304(a)(2) § 61.304(a)(4) § 61.304(a)(4)(i) § 61.304(a)(4)(ii) § 61.304(a)(4)(iii) § 61.304(a)(4)(iv) § 61.304(a)(5) § 61.304(a)(6) § 61.304(a)(7) § 61.304(d)(1) § 61.304(d)(2) § 61.304(d)(3) § 61.304(e)	§ 61.304(a)(4)(i) § 61.304(d)(3) § 61.305(a) § 61.305(b)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1)
E-BERTH3-7	EU	63CC-2502	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.642(b) § 63.642(n)	Except as provided in §63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) § 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
E-BERTH3-7	EU	63Y-0003	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(2) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i)	Marine tank vessel loading operations shall apply MACT standards, except for the VMT source.	[G]§ 63.562(b)(6) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) § 63.563(b)(4) § 63.563(b)(4)(ii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(e)(2) [G]§ 63.565(d) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(b)(5)(ii) § 63.567(c) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.562(e)(7)(ii) § 63.563(a)(2) § 63.563(a)(3)		§ 63.564(c) § 63.564(e)(2) § 63.564(e)(4) [G]§ 63.565(b) [G]§ 63.565(d) § 63.565(f) § 63.565(f)(1) § 63.565(l)		§ 63.567(f) § 63.567(j)(3) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)
E-BERTH3-8	EU	61BB-0002	Benzene	40 CFR Part 61, Subpart BB	[G]§ 61.302(a) § 61.302(b) § 61.302(f) § 61.302(g) § 61.302(j) § 61.302(k) § 61.303(e)	Equip each loading rack with vapor collection system to collect all displaced benzene vapors and prevent it from passing from one loading rack through another to the atmosphere. § 61.302(a)(1)-(2)	§ 61.302(k) § 61.304(a)(1) § 61.304(a)(2) § 61.304(a)(4) § 61.304(a)(4)(i) § 61.304(a)(4)(ii) § 61.304(a)(4)(iii) § 61.304(a)(4)(iv) § 61.304(a)(5) § 61.304(a)(6) § 61.304(a)(7) § 61.304(d)(1) § 61.304(d)(2) § 61.304(d)(3) § 61.304(e)	§ 61.304(a)(4)(i) § 61.304(d)(3) § 61.305(a) § 61.305(b)	§ 61.305(a) § 61.305(a)(5) § 61.305(b) § 61.305(f) § 61.305(f)(1)
E-BERTH3-8	EU	63CC-2502	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.642(b) § 63.642(n)	Except as provided in §63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) § 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
E-BERTH3-8	EU	63Y-0003	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(2) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2)	Marine tank vessel loading operations shall apply MACT standards, except for the VMT source.	[G]§ 63.562(b)(6) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.564(e)(2) [G]§ 63.565(d) § 63.567(f)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) [G]§ 63.567(b)(2) § 63.567(b)(3) [G]§ 63.567(b)(4) § 63.567(b)(5)(ii) § 63.567(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) [G]§ 63.562(e)(7)(i) § 63.562(e)(7)(ii) § 63.563(a)(2) § 63.563(a)(3)		§ 63.563(b)(4) § 63.563(b)(4)(ii) [G]§ 63.563(c) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(c) § 63.564(e)(2) § 63.564(e)(4) [G]§ 63.565(b) [G]§ 63.565(d) § 63.565(f) § 63.565(f)(1) § 63.565(l)	[G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	§ 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3) § 63.567(m) § 63.567(n)(1) § 63.567(n)(2)
E-BERTH5-11	EU	63CC-2502	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.642(b) § 63.642(n)	Except as provided in §63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) § 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
E-BERTH5-12	EU	63CC-2502	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.642(b) § 63.642(n)	Except as provided in §63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) § 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
E-BERTH6-14	EU	63CC-2502	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.642(b) § 63.642(n)	Except as provided in §63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) § 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
E-BERTH6-15	EU	63CC-2502	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.642(b) § 63.642(n)	Except as provided in §63.651(b)-(e), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) § 63.655(c) § 63.655(i) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) § 63.655(c)
E-CSV-843	EP	R5131-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
E-CSV-843	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.657(a)(1)(i) § 63.642(b) § 63.642(n) § 63.657(a) [G]§ 63.657(f)	For delayed coking units at an existing affected source, meet an average vessel pressure of 2 psig or less determined on a rolling 60-event average.	[G]§ 63.657(b) § 63.657(d) [G]§ 63.657(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(7)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(viii) § 63.655(g) [G]§ 63.655(g)(12) § 63.655(g)(14)
E-CT-432	EU	63CC-3000	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.642(b) § 63.642(n) [G]§ 63.654(d) [G]§ 63.654(f)	Except as specified in §63.654(b), the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of §63.654(c)-(g).	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4) § 63.654(c) [G]§ 63.654(c)(1) § 63.654(c)(3) [G]§ 63.654(c)(4) [G]§ 63.654(c)(6) [G]§ 63.654(d) § 63.654(e) [G]§ 63.654(f) [G]§ 63.654(g)	§ 63.642(d)(3) [G]§ 63.654(g) § 63.655(i) § 63.655(i)(5) § 63.655(i)(5)(i) § 63.655(i)(5)(ii) [G]§ 63.655(i)(5)(iii) § 63.655(i)(5)(iv) § 63.655(i)(5)(v) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) [G]§ 63.654(c)(4) § 63.655(f) § 63.655(f)(1)(vi) § 63.655(f)(4) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(9) § 63.655(h) § 63.655(h)(7)
E-CT-446	EU	63CC-3000	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.642(b) § 63.642(n)	Except as specified in §63.654(b), the owner or operator of a heat exchange	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 63.642(d)(3) [G]§ 63.654(g) § 63.655(i)	§ 63.642(d)(2) § 63.642(f) [G]§ 63.654(c)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.654(d) [G]§ 63.654(f)	system that meets the criteria in §63.640(c)(8) must comply with the requirements of §63.654(c)-(g).	§ 63.654(c) [G]§ 63.654(c)(1) § 63.654(c)(3) [G]§ 63.654(c)(4) [G]§ 63.654(c)(6) [G]§ 63.654(d) § 63.654(e) [G]§ 63.654(f) [G]§ 63.654(g)	§ 63.655(i)(5) § 63.655(i)(5)(i) § 63.655(i)(5)(ii) [G]§ 63.655(i)(5)(iii) § 63.655(i)(5)(iv) § 63.655(i)(5)(v) § 63.655(i)(6)	§ 63.655(f) § 63.655(f)(1)(vi) § 63.655(f)(4) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(9) § 63.655(h) § 63.655(h)(7)
E-MERICHEM	CD	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
E-MERICHEM	EU	60Ja-0122	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c) [G]§ 60.103a(c)(1) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(2) § 60.103a(d)(3) § 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f) [G]§ 60.107a(b) [G]§ 60.107a(e)(4)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(i) § 60.107a(i)(2)(ii)	§ 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	[G]§ 60.103a(b) [G]§ 60.108a(d)
E-MERICHEM	CD	63CC-1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(e)(1) § 63.670(g)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	[G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	[G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.670(q)
E-MERICHEM	CD	63CC-2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(e)(1) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e) [G]§ 63.671(f)	§ 63.655(i) § 63.655(i)(6) [G]§ 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
E-V54	EU	63UUU-CRU-FGS	Hydrogen Chloride	40 CFR Part 63, Subpart UUU	§ 63.1567(a)(1)-Table 22.2 § 63.1567(a)(1) § 63.1567(a)(1)(i) § 63.1567(a)(2) § 63.1567(a)(2)-Table 23.5 § 63.1567(a)(3)	For each existing cyclic or continuous CRU, you must reduce uncontrolled emissions of HCl by 97 percent by weight or to a concentration of 10 ppmv (dry basis), corrected to 3% oxygen.	§ 63.1567(b)(1) § 63.1567(b)(1)-Table 24.5 § 63.1567(b)(2) § 63.1567(b)(2)-Table 25.1.a.(1) § 63.1567(b)(2)-Table 25.1.a.(2)	§ 63.1567(b)(1)-Table 24.5 § 63.1567(b)(2)-Table 25.1.e.(2) § 63.1567(b)(2)-Table 25.1.e.(3) § 63.1567(b)(2)-Table 25.1.e.(4)	§ 63.1567(b)(6) § 63.1567(b)(7) § 63.1570(f) § 63.1571(a) § 63.1571(d)(4) [G]§ 63.1574(a) § 63.1574(c) § 63.1574(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1567(b)(3) § 63.1567(b)(4) § 63.1567(b)(4)(ii) § 63.1567(b)(5) § 63.1567(b)(5)-Table 26.2 § 63.1567(c)(1) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1571(d) § 63.1571(d)(4) [G]§ 63.1571(e)		§ 63.1567(b)(2)-Table 25.1.b § 63.1567(b)(2)-Table 25.1.c § 63.1567(b)(2)-Table 25.1.d § 63.1567(b)(2)-Table 25.1.e.(1) § 63.1567(b)(2)-Table 25.1.e.(2) § 63.1567(b)(2)-Table 25.1.e.(3) § 63.1567(b)(2)-Table 25.1.e.(4) § 63.1567(b)(2)-Table 25.6.a § 63.1567(b)(2)-Table 25.6.b § 63.1567(c)(1)-Table 27.2 § 63.1567(c)(1)-Table 28.5.a § 63.1567(c)(1)-Table 28.5.b § 63.1567(c)(1)-Table 28.5.c § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(c) § 63.1572(c)(1) § 63.1572(c)(2) § 63.1572(c)(3) § 63.1572(c)(4) [G]§ 63.1572(d)	§ 63.1567(b)(2)-Table 25.6.a § 63.1567(b)(2)-Table 25.6.b § 63.1567(c)(1)-Table 28.5.a § 63.1567(c)(1)-Table 28.5.b § 63.1567(c)(1)-Table 28.5.c § 63.1567(c)(2) § 63.1570(c) § 63.1570(d) § 63.1572(c)(4) § 63.1572(c)(5) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(l)
E-V54	EU	63UUU-CRU-FGS	TOC	40 CFR Part 63, Subpart UUU	§ 63.1566(a)(1)-Table 15.2 § 63.1566(a)(1) § 63.1566(a)(1)(ii)	For each new or existing catalytic reforming unit, you can elect to reduce uncontrolled emissions of	§ 63.1566(b)(1) § 63.1566(b)(2) § 63.1566(b)(2)-Table 18.2.a	§ 63.1570(c) § 63.1570(d) [G]§ 63.1576(a) § 63.1576(d)	§ 63.1566(b)(7) § 63.1566(b)(8) § 63.1570(f) § 63.1571(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1566(a)(2) § 63.1566(a)(3) § 63.1566(a)(4) § 63.1566(a)(5) § 63.1566(b)(3) § 63.1566(b)(4) § 63.1566(b)(4)(i) § 63.1566(b)(6) § 63.1566(b)(6)-Table 19.2 § 63.1566(c)(1) § 63.1566(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)	TOC or nonmethane TOC from your process vent by 98% by weight using a control device or to a concentration of 20 ppmv (dry basis as hexane), corrected to 3% O ₂ , whichever is less stringent (Option 2). If you vent emissions to a boiler/process heater, the vent stream must be introduced into the flame zone or any other location that will achieve the percent reduction or concentration standard.	§ 63.1566(b)(2)-Table 18.2.b § 63.1566(b)(2)-Table 18.2.c § 63.1566(b)(2)-Table 18.2.d § 63.1566(b)(2)-Table 18.2.f § 63.1566(b)(5) § 63.1566(b)(5)(ii) § 63.1566(c)(1)-Table 20.2 § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) [G]§ 63.1572(d)	§ 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	[G]§ 63.1574(a) § 63.1574(c) § 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) § 63.1575(l)
E-V54	EU	63UUU-CRU-FLR	Hydrogen Chloride	40 CFR Part 63, Subpart UUU	§ 63.1567(a)(1)-Table 22.2 § 63.1567(a)(1) § 63.1567(a)(1)(i) § 63.1567(a)(2) § 63.1567(a)(2)-Table 23.5 § 63.1567(a)(3) § 63.1567(b)(3) § 63.1567(b)(4) § 63.1567(b)(4)(ii) § 63.1567(b)(5) § 63.1567(b)(5)-Table 26.2 § 63.1567(c)(1) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1571(d) § 63.1571(d)(4) [G]§ 63.1571(e)	For each existing cyclic or continuous CRU, you must reduce uncontrolled emissions of HCl by 97 percent by weight or to a concentration of 10 ppmv (dry basis), corrected to 3% oxygen.	§ 63.1567(b)(1) § 63.1567(b)(1)-Table 24.5 § 63.1567(b)(2) § 63.1567(b)(2)-Table 25.1.a.(1) § 63.1567(b)(2)-Table 25.1.a.(2) § 63.1567(b)(2)-Table 25.1.b § 63.1567(b)(2)-Table 25.1.c § 63.1567(b)(2)-Table 25.1.d § 63.1567(b)(2)-Table 25.1.e.(1) § 63.1567(b)(2)-Table 25.1.e.(2) § 63.1567(b)(2)-Table 25.1.e.(3) § 63.1567(b)(2)-Table 25.1.e.(4)	§ 63.1567(b)(1)-Table 24.5 § 63.1567(b)(2)-Table 25.1.e.(2) § 63.1567(b)(2)-Table 25.1.e.(3) § 63.1567(b)(2)-Table 25.1.e.(4) § 63.1567(b)(2)-Table 25.6.a § 63.1567(b)(2)-Table 25.6.b § 63.1567(c)(1)-Table 28.5.a § 63.1567(c)(1)-Table 28.5.b § 63.1567(c)(1)-Table 28.5.c § 63.1567(c)(2) § 63.1570(c) § 63.1570(d) § 63.1572(c)(4)	§ 63.1567(b)(6) § 63.1567(b)(7) § 63.1570(f) § 63.1571(a) § 63.1571(d)(4) [G]§ 63.1574(a) § 63.1574(c) § 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(l)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.1567(b)(2)-Table 25.6.a § 63.1567(b)(2)-Table 25.6.b § 63.1567(c)(1)-Table 27.2 § 63.1567(c)(1)-Table 28.5.a § 63.1567(c)(1)-Table 28.5.b § 63.1567(c)(1)-Table 28.5.c § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(c) § 63.1572(c)(1) § 63.1572(c)(2) § 63.1572(c)(3) § 63.1572(c)(4) [G]§ 63.1572(d)	§ 63.1572(c)(5) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	
E-V54	EU	63UUU-CRU-FLR	TOC	40 CFR Part 63, Subpart UUU	§ 63.1566(a)(1)-Table 15.1 § 63.1566(a)(1) § 63.1566(a)(1)(i) § 63.1566(a)(2) § 63.1566(a)(2)-Table 16.1 § 63.1566(a)(3) § 63.1566(a)(4) § 63.1566(a)(5) § 63.1566(b)(3) § 63.1566(b)(4) § 63.1566(b)(6) § 63.1566(b)(6)-Table 19.1 § 63.1566(c)(1) § 63.1566(c)(2) § 63.1570(a)	For each applicable process vent for a new or existing catalytic reforming unit, you must vent emissions of total organic compounds (TOC) to a flare that meets the control device requirements of §63.670. (Option 1).	§ 63.1566(b)(1) § 63.1566(b)(1)-Table 17.1 § 63.1566(b)(2) § 63.1566(b)(2)-Table 18.1.a § 63.1566(b)(2)-Table 18.1.b § 63.1566(b)(5) § 63.1566(b)(5)(i) § 63.1566(c)(1)-Table 20.1 § 63.1566(c)(1)-Table 21.1 § 63.1571(a) § 63.1571(a)(1) § 63.1572(c) [G]§ 63.1572(d)	§ 63.1566(c)(1)-Table 21.1 § 63.1570(c) § 63.1570(d) [G]§ 63.1576(a) § 63.1576(c) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1566(b)(7) § 63.1566(b)(8) § 63.1570(f) § 63.1571(a) § 63.1571(d)(4) [G]§ 63.1574(a) § 63.1574(c) § 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(f) § 63.1575(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1570(c) § 63.1570(d) § 63.1571(d) § 63.1571(d)(4) [G]§ 63.1571(e) § 63.670(c) § 63.671(a)				§ 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(l)
ENG-138PS	EU	60IIII-11	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039-Appendix I § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 37 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
ENG-138PS	EU	60IIII-11	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039-Appendix I § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power less than 75 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year must comply with an NMHC+NO _x emission limit of 7.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I.	None	None	None
ENG-138PS	EU	60IIII-11	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039-Appendix I	Owners and operators of non-emergency stationary	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	CI ICE with a maximum engine power greater than or equal to 19 KW and less than 37 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year must comply with a PM emission limit of 0.60 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I.			
ENG-138PS	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG-15PS	EU	R117-3	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.103(a)(6)(D)	Units exempted from the provisions of this division, except as specified in §§117.140(i), 117.145(f)(6), 117.150(c)(1), and 117.154(a)(5), include stationary gas turbines and stationary internal combustion engines that are	§ 117.8140(a) § 117.8140(a)(3)	§ 117.140(i) § 117.145(f) § 117.145(f)(6) § 117.145(f)(6)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.			
ENG-15PS	EU	63ZZZZ-3	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
ENG-443N	EU	60IIII-2	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG-443N	EU	60IIII-2	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206	Owners and operators of emergency stationary fire pump CI ICE with a	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.			
ENG-443N	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
ENG-443S	EU	60IIII-2	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG-443S	EU	60IIII-2	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4	Owners and operators of emergency stationary fire	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.			
ENG-443S	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
ENG-480PS1	EU	60IIII-3	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG-	EU	60IIII-3	PM	40 CFR Part 60,	§ 60.4205(c)-Table	Owners and operators of	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
480PS1				Subpart IIII	4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.			
ENG-480PS1	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
ENG-480PS2	EU	60IIII-3	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
ENG-480PS2	EU	60III-3	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG-480PS2	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
ENG-70AC1	EU	60III-4	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
ENG-70AC1	EU	60III-4	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG-70AC1	EU	60III-4	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG-70AC1	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to	None	None	§ 63.6645(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6640(f)(3)	meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).			
ENG-70AC2	EU	60III-5	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a CO emission limit of 11.4 g/KW-hr, as listed in Table 1 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG-70AC2	EU	60III-5	Hydrocarbons	40 CFR Part 60, Subpart IIII	§ 60.4205(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with an HC emission limit of 1.3 g/KW-hr, as listed in Table 1 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG-70AC2	EU	60III-5	NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.4211(f)	displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart.			
ENG-70AC2	EU	60III-5	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 1 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG-70AC2	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
ENG-70AC3	EU	60III-6	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.4211(f)	and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
ENG-70AC3	EU	60III-6	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ENG-70AC3	EU	60III-6	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						CFR 1039-Appendix I.			
ENG-70AC3	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
ENG-843S	EU	60IIII-9	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
ENG-843S	EU	60IIII-9	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW but less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later must comply with an	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						NMHC+NO _x emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.			
ENG-843S	EU	60IIII-9	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 - 2012 model year must comply with a PM emission limit of 0.30 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102.	None	None	None
ENG-843S	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG-942-1	EU	60IIII-12	NO _x	40 CFR Part 60,	§ 60.4204(a)-Table	Owners and operators of	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart IIII	1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1)	non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart.			
ENG-942-1	EU	63ZZZZ-6	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG-942-2	EU	60IIII-12	NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						listed in Table 1 to this subpart.			
ENG-942-2	EU	63ZZZZ-6	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG-ADMN	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
ENG-CNTSHP	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
ENG-NSRU1	EU	60IIII-14	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
ENG-NSRU1	EU	60IIII-14	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW but less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later must comply with an NMHC+NO _x emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.			
ENG-NSRU1	EU	60IIII-14	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2013 model year and later must comply with a PM emission limit of 0.03 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
ENG-NSRU1	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG-PS243 WWTU	EU	60IIII-16	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a)	Owners and operators of non-emergency stationary CI ICE with a maximum	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.			
ENG-PS243 WWTU	EU	60III-16	NMHC and NO _x	40 CFR Part 60, Subpart III	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2013 model year must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102.	None	None	None
ENG-PS243 WWTU	EU	60III-16	PM	40 CFR Part 60, Subpart III	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a PM	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						emission limit of 0.02 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
ENG-PS243 WWTU	EU	63ZZZZ-7	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG-PS452 WWTU	EU	60IIII-16	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
ENG-PS452 WWTU	EU	60III-16	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2013 model year must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102.	None	None	None
ENG-PS452 WWTU	EU	60III-16	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a PM emission limit of 0.02 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
ENG-PS452 WWTU	EU	63ZZZZ-7	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
ENG-T283	EU	60IIII-13	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039-Appendix I § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
ENG-T283	EU	60IIII-13	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039-Appendix I § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2013 model year must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						CFR 1039-Appendix I and 40 CFR 1039.102.			
ENG-T283	EU	60IIII-13	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039-Appendix I § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2011 model year must comply with a PM emission limit of 0.30g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I.	None	None	None
ENG-T283	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG-T99100	EU	60IIII-9	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.4211(a) § 60.4211(c)	than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.			
ENG-T99100	EU	60III-9	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW but less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later must comply with an NMHC+NO _x emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
ENG-T99100	EU	60III-9	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 - 2012 model year must comply with a PM emission limit of 0.30 g/KW-	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102.			
ENG-T99100	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ENG-TRCTHW	EU	60IIII-10	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
ENG-TRCTHW	EU	60IIII-10	NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101	Owners and operators of non-emergency stationary	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4201(a) § 60.4206 [G]§ 60.4211(a) § 60.4211(c)	CI ICE with a maximum engine power greater than or equal to 56 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2014 model year and later must comply with a NOx emission limit of 0.40 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
ENG-TRCTHW	EU	60III-10	Nonmethane Hydrocarbons	40 CFR Part 60, Subpart III	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 56 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2014 model year and later must comply with an NMHC emission limit of 0.19 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
ENG-TRCTHW	EU	60III-10	PM	40 CFR Part 60, Subpart III	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2014 model year and later must comply with a PM	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						emission limit of 0.02g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
ENG-TRCTHW	EU	63ZZZZ-6	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
F-DOCKS	EU	R5352-	VOC	30 TAC Chapter	§ 115.352(1)(A)	No process drains	§ 115.354(1)	§ 115.352(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		ALL		115, Pet. Refinery & Petrochemicals	§ 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(8) § 115.357(9)	No pressure relief valves contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.352(9)	No pressure relief valves contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C)	[G]§ 115.354(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.357(12) § 115.357(8) § 115.357(9)	greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356(5)	
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No open-ended valves or lines contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No open-ended valves or lines contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.352(1)(A) § 115.352(1)	No valves contacting a fluid with TVP greater than 0.044	§ 115.354(1) § 115.354(10)	§ 115.352(7) § 115.354(10)	[G]§ 115.354(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(12)	No flanges or other connectors contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.357(8)	concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356(5)	
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(8)	No agitators contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(8)	No agitators contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
F-DOCKS	EU	R5352-	VOC	30 TAC Chapter	§ 115.352(1)(B)	No compressor seals in	[G]§ 115.355	§ 115.352(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		ALL		115, Pet. Refinery & Petrochemicals	§ 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(3) § 115.357(8)	hydrogen service with and the hydrogen content can be expected to always exceed 50.0% by volume shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No compressor seals that are equipped with a shaft sealing system that prevents or detects emissions of VOCs from the seal shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii)	No compressor seals contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		[G]§ 115.356(3)(C) § 115.356(5)	
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No compressor seals contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No pump seals that are equipped with a shaft sealing system that prevents or detects emissions of VOCs from the seal shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						sound.			
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No pump seals contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(C) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(2)(C) § 115.352(2)(C)(i)	If the owner or operator elects to use the alternative work practice in §115.358, no component shall be allowed to have a VOC leak, detected as defined in §115.358, for more than 15	§ 115.354(1) § 115.354(11) § 115.354(13)(A) § 115.354(13)(B) § 115.354(13)(C) § 115.354(13)(D) § 115.354(13)(E)	§ 115.352(7) § 115.354(13)(D) § 115.354(13)(E) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3)	[G]§ 115.358(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(8) § 115.358(c)(1) [G]§ 115.358(h)	days after discovery. This includes any leak detected using the alternative work practice on a component that is subject to the requirements of this division but not specifically selected for alternative work practice monitoring.	§ 115.354(13)(F) § 115.354(4) § 115.354(5) § 115.354(9) [G]§ 115.355 § 115.358(c)(2) § 115.358(d) [G]§ 115.358(e) § 115.358(f)	§ 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) [G]§ 115.356(4) § 115.356(5)	
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No valves contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(5)	Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§115.356(3)(C) of this title.			
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(11)	Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(13)	Components/systems that contact a process fluid containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(6)	Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
F-DOCKS	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.			
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-10(c) § 60.482-10(m) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements as stated in §60.482-10 for enclosed combustion devices.	§ 60.482-10(e) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements as stated in §60.482-8 for pressure relief devices in heavy liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a)	Comply with the requirements as stated in	§ 60.482-3(e)(1) § 60.485(a)	§ 60.482-1(g) [G]§ 60.486(a)	§ 60.487(a) [G]§ 60.487(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e) § 60.593(c)	§60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15.	[G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	[G]§ 60.487(c) § 60.487(e)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a)	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.592(d) § 60.592(e)				
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(d) § 60.486(k)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(6) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements in as stated in §60.482-7 for valves in	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.592(d) § 60.592(e)	gas/vapor or light-liquid service.	§ 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j)	§ 60.487(e)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g)	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.592(d) § 60.592(e)		[G]§ 60.485(e) § 60.485(f) § 60.593(d)	§ 60.486(e) § 60.486(e)(1) § 60.486(j)	
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements in as stated in §60.482-8 for pressure relief devices in light-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.482-8(d)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)				
F-DOCKS	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.592(d) § 60.592(e)	Comply with the requirements as stated in §60.482-10 for closed-vent systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-	112(B)	40 CFR Part 63,	§ 63.648(a)	Comply with the specified	§ 60.482-8(a)(1)	§ 60.482-1(g)	§ 60.487(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		ALL	HAPS	Subpart CC	§ 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-	112(B)	40 CFR Part 63,	§ 63.648(a)	Comply with the specified	§ 60.485(a)	§ 60.482-1(g)	§ 60.487(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		ALL	HAPS	Subpart CC	§ 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6.	[G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 63.642(b)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.642(n) § 63.648(a)(2)				
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) § 63.648(i)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-10(c) § 60.482-10(m) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.482-10(e) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d)	§ 60.482-1(g) [G]§ 60.482-10(l) [G]§ 60.486(a)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) [G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	vent (or vapor collection) systems complying with §60.482-10.	§ 60.485(f)	[G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g) § 63.642(b) § 63.642(n)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c) if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3) § 63.655(i)	None
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d) § 60.486(k) § 63.642(b) § 63.642(n)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) § 63.648(f)		[G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	§ 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i) § 63.655(i)(6)	
F-DOCKS	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-PRD1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	light liquid service complying with §60.482-8.	[G]§ 60.485(e) § 60.485(f) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(d)(2) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
F-DOCKS	EU	63CCVV-PRD1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
F-DOCKS	EU	63CCVV-PRD10	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)				
F-DOCKS	EU	63CCVV-PRD11	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-PRD2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
F-DOCKS	EU	63CCVV-PRD2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b)	Except during a pressure release, operate each	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i)	§ 63.642(f) § 63.655(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.642(n) [G]§ 63.648(j)(2)	pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.		§ 63.655(i)(6)	[G]§ 63.655(g)(10)
F-DOCKS	EU	63CCVV-PRD3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) § 63.648(j)(4)(iv)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	§ 63.644(a) § 63.644(a)(1)(i) § 63.644(d) § 63.644(e) [G]§ 63.648(j)(2)	§ 63.644(a)(1)(i) § 63.648(h) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(iv) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 63.642(f) § 63.644(d) § 63.655(f) [G]§ 63.655(f)(3) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h) [G]§ 63.655(h)(10) [G]§ 63.655(h)(9)
F-DOCKS	EU	63CCVV-PRD4	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(iv) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)
F-DOCKS	EU	63CCVV-PRD5	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(iv) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						40 CFR part 60, appendix A-7.			
F-DOCKS	EU	63CCVV-PRD6	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) § 63.648(j)(4)(iv)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	§ 63.644(a) § 63.644(a)(1)(i) § 63.644(d) § 63.644(e) [G]§ 63.648(j)(2)	§ 63.644(a)(1)(i) § 63.648(h) § 63.655(i) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 63.642(f) § 63.644(d) § 63.655(f) [G]§ 63.655(f)(3) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h) [G]§ 63.655(h)(10) [G]§ 63.655(h)(9)
F-DOCKS	EU	63CCVV-PRD7	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)
F-DOCKS	EU	63CCVV-PRD8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)
F-DOCKS	EU	63CCVV-PRD9	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(4)(iv) § 63.642(b) § 63.642(n)	For each pressure relief device in organic HAP gas or vapor service routed to a	§ 63.644(a) § 63.644(a)(1)(i) § 63.644(d)	§ 63.644(a)(1)(i) § 63.648(h) § 63.655(i)	§ 63.642(f) § 63.644(d) § 63.655(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						control device, both the closed vent system and control device (if applicable) referenced in §63.648(j)(4)(i)-(iii) must meet the requirements of §63.644. When complying with this §63.648(j)(4), all references to 'Group 1 miscellaneous process vent' in §63.644 mean 'pressure relief device.'	§ 63.644(e)	[G]§ 63.655(i)(3) § 63.655(i)(6)	[G]§ 63.655(f)(3) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h) [G]§ 63.655(h)(10) [G]§ 63.655(h)(9)
F-DOCKS	EU	63CCVV-PRD9	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) § 63.648(j)(4)(iv)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 63.644(a) § 63.644(a)(1)(i) § 63.644(d) § 63.644(e)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.644(a)(1)(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.644(d) § 63.655(d)(2) § 63.655(f) [G]§ 63.655(f)(3) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h) [G]§ 63.655(h)(10) [G]§ 63.655(h)(9)
F-T-L3010	EU	R5112-0003	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
F-T-L3010	EU	60QQQ-0014	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(a) § 60.692-1(a)	Except as noted, each oil-water separator tank, slop	§ 60.692-3(a)(4) § 60.695(a)	§ 60.695(a)(1) § 60.697(a)	§ 60.698(b)(1) § 60.698(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.692-3(a)(1) § 60.692-3(a)(2) § 60.692-3(a)(3) § 60.692-3(a)(5) § 60.692-3(e) § 60.692-3(f) § 60.692-5(a) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications:	§ 60.695(a)(1) § 60.696(a)	§ 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(viii)	§ 60.698(d)(1) § 60.698(e)
F-T-L3010	EU	61FF-0027	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(C) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(1) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(A) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)
F-T-L3210	EU	R5112-0002	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
F-T-L3210	EU	60QQQ-0007	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(a) § 60.692-1(a) § 60.692-3(a)(1)	Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e)	§ 60.698(b)(1) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.692-3(a)(2) § 60.692-3(a)(3) § 60.692-3(a)(5) § 60.692-3(e) § 60.692-3(f) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	other auxiliary equipment shall be equipped with fixed roof, meeting following specifications:		§ 60.697(f)(1) [G]§ 60.697(f)(2)	
F-T-L3210	EU	61FF-0005	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
F-T-L3210	EU	63G-004	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
F-T-L3210	EU	63G-004	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1)	Tanks using a fixed roof and an internal floating roof (defined in §63.111) to	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.119(b)(2) § 63.119(b)(3)(i) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)	comply with §63.119(a)(1) must comply with: §63.119(b)(1)-(6).		§ 63.123(g) [G]§ 63.152(a)	§ 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
F-T-L5010	EU	R5112-0006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
F-T-L5010	EU	60QQQ-0014	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(a) § 60.692-1(a) § 60.692-3(a)(1) § 60.692-3(a)(2) § 60.692-3(a)(3) § 60.692-3(a)(5) § 60.692-3(e) § 60.692-3(f) § 60.692-5(a) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications:	§ 60.692-3(a)(4) § 60.695(a) § 60.695(a)(1) § 60.696(a)	§ 60.695(a)(1) § 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(viii)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(1) § 60.698(e)
F-T-L5010	EU	61FF-0027	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e)	§ 61.354(c) § 61.354(c)(1) § 61.356(d) § 61.356(f)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(C) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	routes all organic vapors vented from the tank to a control device.	§ 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h)	§ 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(A) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	
F-T-L5010	EU	63G-001	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with § 63.119(a)(1) or (a)(2) shall comply with § 63.119(e)(1)-(5).	§ 63.120(d)(1) § 63.120(d)(5) § 63.120(d)(6) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.120(d)(1)(i) § 63.120(d)(1)(i)(A) § 63.120(d)(1)(i)(C) § 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	§ 63.120(d)(1) § 63.120(d)(2) § 63.120(d)(2)(i) § 63.120(d)(2)(ii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(c)(6)
F-T-L5010	EU	63G-001	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
F-T-L5020	EU	R5112-0006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
F-T-L5020	EU	60QQQ-0008	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(a) § 60.692-1(a) § 60.692-3(a)(1) § 60.692-3(a)(2) § 60.692-3(a)(3) § 60.692-3(a)(5) § 60.692-3(e) § 60.692-3(f) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications:	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(e)
F-T-L5020	EU	63G-001	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with § 63.119(a)(1) or	§ 63.120(d)(1) § 63.120(d)(5) § 63.120(d)(6) § 63.148(b)(1)(ii) [G]§ 63.148(c)	§ 63.120(d)(1)(i) § 63.120(d)(1)(i)(A) § 63.120(d)(1)(i)(C) § 63.123(a) § 63.123(f)(1)	§ 63.120(d)(1) § 63.120(d)(2) § 63.120(d)(2)(i) § 63.120(d)(2)(ii) § 63.120(d)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	(a)(2) shall comply with §63.119(e)(1)-(5).	§ 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	[G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	§ 63.120(d)(3)(i) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.148(j) § 63.148(j)(1) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
F-T-L5020	EU	63G-001	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
F-T-L6002	EU	R5112-	VOC	30 TAC Chapter	§ 115.111(a)(1)	Except as provided in §	[G]§ 115.117	§ 115.118(a)(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		0007		115, Storage of VOCs		115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(5) § 115.118(a)(7)	
FF-1241-1	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-1241-1	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-1241-2	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	maintain the closed-vent system and control device per following:		§ 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	
FF-1242	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-1344	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-146	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(2)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 61.356(j)(3)	
FF-147	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(l)
FF-241	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(l)
FF-244	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(l)
FF-246	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii)	For each closed-vent system and control device used to comply with	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(l)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	§§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.354(d) [G]§ 61.355(h)	§ 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	
FF-443-1	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-443-2	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-84PH	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(g)			§ 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	
FF-CCS	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(l)
FF-D-108	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-D-108	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(e) § 61.349(f) § 61.349(g)			§ 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	
FF-D-108	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FF-DOCKS-1	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-DOCKS-2	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-DOCKS-3	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-DOCKS-4	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	maintain the closed-vent system and control device per following:		§ 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	
FF-DOCKS-5	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-DOCKS-6	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-GHU-245	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(2)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 61.356(j)(3)	
FF-KELAB	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(l)
FF-LAB	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(l)
FF-PS-1215	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) § 60.697(e) [G]§ 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 60.697(f)(3)(x)(B)	
FF-PS-1215	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-1215	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-162	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-162	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FF-PS-162	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-1650	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.692-6(b) § 60.692-7(b)			§ 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	
FF-PS-1650	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-1650	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.148(h)(2)		§ 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-236	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-236	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(iii)(B)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	
FF-PS-236	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(iii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-274	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-274	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-274	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	system and meeting § 63.136(b)(1) through b(5) .	§ 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-3650	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	
FF-PS-3650	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-3650	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-402	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-402	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(iii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(g)			§ 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	
FF-PS-402	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-403	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3)	§ 60.695(a)(3) § 60.697(a)	§ 60.698(b)(1) § 60.698(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)		§ 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-403	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-403	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(g)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	[G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-404	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FF-PS-404	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-404	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-405	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-405	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-405	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b)	Compliance with this paragraph requires	§ 63.139(d)(2)(i) § 63.139(e)	§ 63.143(f) § 63.147(b)(2)	§ 63.146(b)(2) § 63.146(b)(5)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(iii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-406	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	
FF-PS-406	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-406	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-427	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-427	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(iii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	system and control device per following:	[G]§ 61.355(h)	§ 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	
FF-PS-427	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(iii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.152(c)(6)
FF-PS-434	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-434	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-434	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.148(d) § 63.148(e)		§ 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	[G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-435	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	
FF-PS-435	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-435	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-436	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-436	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 61.356(j)(3)(i)	
FF-PS-436	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-439	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)		[G]§ 60.696(b)	§ 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(e)
FF-PS-439	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-439	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.148(g)(2) § 63.148(h) § 63.148(h)(2)		§ 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-441	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(iii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-441	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i)	For each closed-vent system and control device	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii)	§ 61.349(a)(1)(ii) § 61.356(f)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	
FF-PS-441	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(iii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-449	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-449	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-449	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(iii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-451	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	
FF-PS-451	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-451	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-457	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-457	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(e) § 61.349(f) § 61.349(g)			§ 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	
FF-PS-457	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FF-PS-4600	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-4600	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-4600	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.148(e)		§ 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-475	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 60.697(f)(3)(x)(B)	
FF-PS-475	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-475	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-476	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-476	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FF-PS-476	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-6400	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.692-6(b) § 60.692-7(b)			§ 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	
FF-PS-6400	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-PS-6400	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.148(h)(2)		§ 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-PS-J-8	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-PS-J-8	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(iii)(B)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	
FF-PS-J-8	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(iii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-SC-1907	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-SC-1907	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	None
FF-SC-1907	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	system and meeting § 63.136(b)(1) through b(5) .	§ 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-TETRA-1	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FF-TETRA-2	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
FF-TK-8010	EU	60QQQ-001	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
FF-TK-8010	CD	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 61.356(j)(3) § 61.356(j)(3)(i)	
FF-TK-8010	CD	63G-008	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.136(b) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	Compliance with this paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FF-WORU	CD	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii)	For each closed-vent system and control device used to comply with	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f)	§ 61.356(f) § 61.356(f)(1) § 61.356(f)(2)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	§§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.354(d) [G]§ 61.355(h)	§ 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	
FF-WWTU	EU	60QQQ-002	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(a) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(1) § 60.696(a)	§ 60.695(a)(1) § 60.697(a) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(viii)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(1) § 60.698(e)
FF-WWTU	EU	61FF-001	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(A) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(c) § 61.354(c)(1) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(A) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i) § 61.356(j)(4)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)
FF-WWTU	EU	63G-008	112(B)	40 CFR Part 63,	§ 63.136(b)	Compliance with this	§ 63.139(d)(2)(i)	§ 63.143(f)	§ 63.146(b)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart G	§ 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	paragraph requires operation and maintenance of a cover and vent, as specified, on each opening in the individual drain system and meeting § 63.136(b)(1) through b(5) .	§ 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(j)(5) § 63.148(j)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(5) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FS-PS473	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division, except as specified.			
GRP-C8456	EU	R5112-0010	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-C8456	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No valves contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A)	No pump seals contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(C) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(7)	If the owner or operator elects to use the alternative work practice in §115.358, no component shall be allowed to have a VOC leak, detected as defined in §115.358, for more than 15 days after discovery. This includes any leak detected using the alternative work practice on a component that is subject to the	§ 115.354(1) § 115.354(11) § 115.354(13)(A) § 115.354(13)(B) § 115.354(13)(C) § 115.354(13)(D) § 115.354(13)(E) § 115.354(13)(F) § 115.354(4) § 115.354(5) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(13)(D) § 115.354(13)(E) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) [G]§ 115.356(4) § 115.356(5)	[G]§ 115.358(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.357(8) § 115.358(c)(1) [G]§ 115.358(h)	requirements of this division but not specifically selected for alternative work practice monitoring.	§ 115.358(c)(2) § 115.358(d) [G]§ 115.358(e) § 115.358(f)		
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No pump seals that are equipped with a shaft sealing system that prevents or detects emissions of VOCs from the seal shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No compressor seals contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2)	No compressor seals contacting a fluid with TVP less than or equal to 0.044	§ 115.354(1) § 115.354(2) § 115.354(5)	§ 115.352(7) § 115.356 [G]§ 115.356(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No compressor seals that are equipped with a shaft sealing system that prevents or detects emissions of VOCs from the seal shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5)	No compressor seals in hydrogen service with and the hydrogen content can be expected to always exceed 50.0% by volume shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(7) § 115.357(3) § 115.357(8)	10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(8)	No agitators contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(8)	No agitators contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.352(1)(A) § 115.352(1)	No flanges or other connectors contacting a	§ 115.354(1) § 115.354(10)	§ 115.352(7) § 115.354(10)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5)	No valves contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B)	[G]§ 115.354(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		[G]§ 115.356(3)(C) § 115.356(5)	
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No open-ended valves or lines contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No open-ended valves or lines contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-	EU	R5352-	VOC	30 TAC Chapter	§ 115.352(1)(A)	No pressure relief valves	§ 115.354(1)	§ 115.352(7)	[G]§ 115.354(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GGGFUG		ALL		115, Pet. Refinery & Petrochemicals	§ 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) § 115.357(9)	contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(8) § 115.357(9)	No pressure relief valves contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(5)	Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-	EU	R5352-	VOC	30 TAC Chapter	§ 115.357(10)	Instrumentation systems, as	None	§ 115.356	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GGGFUG		ALL		115, Pet. Refinery & Petrochemicals		defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.		§ 115.356(3) [G]§ 115.356(3)(C)	
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(11)	Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(13)	Components/systems that contact a process fluid containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(6)	Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-GGGFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2)	No process drains contacting a fluid with TVP greater than 0.044 psia	§ 115.354(1) § 115.354(10) § 115.354(5)	§ 115.352(7) § 115.354(10) § 115.356	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(A) § 115.352(3) § 115.352(7)	(gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(6) § 115.354(9) [G]§ 115.355	[G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-	EU	60GGG-	VOC	40 CFR Part 60,	§ 60.592(a)	Comply with the	§ 60.482-3(e)(1)	§ 60.482-1(g)	§ 60.487(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GGGFUG		ALL		Subpart GGG	§ 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e) § 60.593(c)	requirements as stated in §60.482-3 for reciprocating compressors that become subject under §60.14 and §60.15.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-10(d) § 60.482-10(m) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements as stated in §60.482-10 for flares.	§ 60.482-10(e) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b)	Comply with the requirements as stated in §60.482-8 for pressure relief devices in heavy liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)				
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.592(d) § 60.592(e)	Comply with the requirements as stated in §60.482-10 for closed-vent systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a)	Comply with the requirements in as stated in	§ 60.482-8(a)(1) § 60.485(a)	§ 60.482-1(g) [G]§ 60.486(a)	§ 60.487(a) [G]§ 60.487(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)	§60.482-8 for pressure relief devices in light-liquid service.	[G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	[G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	[G]§ 60.487(c) § 60.487(e)
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements in as stated in §60.482-8 for pumps in heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1)	Comply with the requirements in as stated in §60.482-8 for valves in heavy-liquid service.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.592(d) § 60.592(e)				
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements in as stated in §60.482-7 for valves in gas/vapor or light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d)	Comply with the requirements in as stated in §60.482-6 for open-ended valves and lines.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-6(e) § 60.486(k) § 60.592(d) § 60.592(e)				
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements in as stated in §60.482-5 for sampling connection systems.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)				
GRP-GGGFUG	EU	60GGG-ALL	VOC	40 CFR Part 60, Subpart GGG	§ 60.592(a) § 60.482-1(d) § 60.486(k)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(6) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g) § 63.642(b) § 63.642(n)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c) if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3) § 63.655(i)	None
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d) § 60.486(k) § 63.642(b) § 63.642(n)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) § 63.648(f)		[G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	§ 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i) § 63.655(i)(6)	§ 63.655(d)(2)
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) § 63.648(i)				
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 63.642(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)		§ 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 63.655(d)(2)
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)			§ 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)			§ 63.655(i) § 63.655(i)(6)	
GRP-GGGFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
GRP-GGGFUG	EU	63CCVV-PRD1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.648(j)(3)(iii) § 63.655(d)(2) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)			§ 63.655(i)(6)	
GRP-GGGFUG	EU	63CCVV-PRD1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
GRP-GGGFUG	EU	63CCVV-PRD10	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
GRP-GGGFUG	EU	63CCVV-PRD11	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)			§ 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	
GRP-GGGFUG	EU	63CCVV-PRD2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)
GRP-GGGFUG	EU	63CCVV-PRD2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
GRP-GGGFUG	EU	63CCVV-PRD3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) § 63.644(a)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor	§ 63.644(a) § 63.644(e) [G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(iv)	§ 63.642(f) § 63.655(f) § 63.655(f)(4) § 63.655(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.648(j)(2) § 63.648(j)(4)(iv) § 63.670	service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.		[G]§ 63.655(i)(3) § 63.655(i)(6)	[G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)
GRP-GGGFUG	EU	63CCVV-PRD4	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(iv) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)
GRP-GGGFUG	EU	63CCVV-PRD5	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(iv) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)
GRP-GGGFUG	EU	63CCVV-PRD6	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) § 63.644(a)(2) [G]§ 63.648(j)(2) § 63.648(j)(4)(iv) § 63.670	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	§ 63.644(a) § 63.644(e) [G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 63.642(f) § 63.655(f) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)
GRP-	EU	63CCVV-	112(B)	40 CFR Part 63,	§ 63.648(j)(1)	Except during a pressure	[G]§ 63.648(j)(2)	§ 63.648(h)	§ 63.642(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GGGFUG		PRD7	HAPS	Subpart CC	§ 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.		§ 63.655(i) § 63.655(i)(6)	§ 63.655(g) [G]§ 63.655(g)(10)
GRP-GGGFUG	EU	63CCVV-PRD8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)
GRP-GGGFUG	EU	63CCVV-PRD9	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.644(a)(2) § 63.648(a)(2) § 63.648(j)(4)(iv) § 63.670	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 63.644(a) § 63.644(e)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2) § 63.655(f) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-GGGFUG	EU	63CCVV-PRD9	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(4)(iv) § 63.642(b) § 63.642(n) § 63.644(a)(2) § 63.670	For each pressure relief device in organic HAP gas or vapor service routed to a control device, both the closed vent system and control device (if applicable) referenced in §63.648(j)(4)(i)-(iii) must meet the requirements of §63.644. When complying with this §63.648(j)(4), all references to 'Group 1 miscellaneous process vent' in §63.644 mean 'pressure relief device.'	§ 63.644(a) § 63.644(e)	§ 63.648(h) § 63.655(i) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 63.642(f) § 63.655(f) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(6)	Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(13)	Components/systems that contact a process fluid containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.357(11)	Sampling connection systems, as defined in 40	None	§ 115.356 § 115.356(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals		CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.		[G]§ 115.356(3)(C)	
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(5)	Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No valves contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No pump seals contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(C) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii)	If the owner or operator elects to use the alternative work practice in §115.358, no component shall be allowed to have a VOC leak, detected as defined in §115.358, for more than 15 days after discovery. This	§ 115.354(1) § 115.354(11) § 115.354(13)(A) § 115.354(13)(B) § 115.354(13)(C) § 115.354(13)(D) § 115.354(13)(E) § 115.354(13)(F)	§ 115.352(7) § 115.354(13)(D) § 115.354(13)(E) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A)	[G]§ 115.358(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(8) § 115.358(c)(1) [G]§ 115.358(h)	includes any leak detected using the alternative work practice on a component that is subject to the requirements of this division but not specifically selected for alternative work practice monitoring.	§ 115.354(4) § 115.354(5) § 115.354(9) [G]§ 115.355 § 115.358(c)(2) § 115.358(d) [G]§ 115.358(e) § 115.358(f)	§ 115.356(3)(B) [G]§ 115.356(3)(C) [G]§ 115.356(4) § 115.356(5)	
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(8) § 115.357(9)	No pressure relief valves contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2)	No pressure relief valves contacting a fluid with TVP greater than 0.044 psia	§ 115.354(1) § 115.354(10) § 115.354(2)	§ 115.352(7) § 115.354(10) § 115.356	[G]§ 115.354(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) § 115.357(9)	(gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	[G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No open-ended valves or lines contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No open-ended valves or lines contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.357(8) § 115.357(9)	background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No valves contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2)	No flanges or other connectors contacting a fluid with TVP greater than	§ 115.354(1) § 115.354(10) § 115.354(11)	§ 115.352(7) § 115.354(10) § 115.356	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	[G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(8)	No agitators contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7)	No agitators contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.357(8)	volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(3) § 115.357(8)	No compressor seals in hydrogen service with and the hydrogen content can be expected to always exceed 50.0% by volume shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No compressor seals that are equipped with a shaft sealing system that prevents or detects emissions of VOCs from the seal shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-	EU	R5352-	VOC	30 TAC Chapter	§ 115.352(1)(B)	No compressor seals	§ 115.354(1)	§ 115.352(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
RVFUG		ALL		115, Pet. Refinery & Petrochemicals	§ 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No compressor seals contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRP-RVFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3)	No pump seals that are equipped with a shaft sealing system that prevents or detects emissions of VOCs from the seal shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
GRP-WASH1	EU	R5412-0057	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(a)(1) § 115.411(a)(1) § 115.411(a)(2) [G]§ 115.412(a)(1)(A) § 115.412(a)(1)(C) § 115.412(a)(1)(D) [G]§ 115.412(a)(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(a)(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(4) ** See Periodic Monitoring Summary	None	None
GRPAPI	EU	R5131-0004	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(2)(A) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(2)(A) § 115.136(a)(3) § 115.136(a)(4)	None
GRPAPI	EU	60QQQ-0099	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(a) § 60.692-1(a) § 60.692-3(a)(1) § 60.692-3(a)(2) § 60.692-3(a)(3) § 60.692-3(a)(5) § 60.692-3(b) § 60.692-3(e) § 60.692-5(a) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications:	§ 60.692-3(a)(4) § 60.695(a) § 60.695(a)(1) § 60.696(a)	§ 60.695(a)(1) § 60.697(a) § 60.697(c) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(viii)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(1) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPAPI	EU	61FF-1657	Benzene	40 CFR Part 61, Subpart FF	§ 61.347(a)(1) § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(C) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device.	§ 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(1) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(A) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)
GRPAPI	EU	63G-007	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.137(a)(1) § 63.132(a)(2)(i)(A) § 63.132(a)(2)(i)(B) [G]§ 63.132(f) § 63.137(b)(1)(ii) § 63.137(d) § 63.137(e)(3) § 63.137(f) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) § 63.144(a) [G]§ 63.148(d) § 63.148(e)	A fixed roof and a closed vent system that routes the organic hazardous air pollutants vapors vented from the oil-water separator to a control device and which meets §63.137(b).	[G]§ 63.137(e)(1) § 63.137(e)(2) § 63.137(e)(3) § 63.139(d)(2)(i) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(2) § 63.148(b)(1)(iii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.143(f) § 63.147(b) § 63.147(b)(1) § 63.147(b)(2) § 63.147(b)(5) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(6) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(b)(4) § 63.152(c)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRPCC2VE NT	EP	R5131-1000	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRPCC2VE NT	EP	R5131-1000	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRPCC2VE NT	EU	63CC-1010	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a)(1) § 63.642(b) § 63.642(n) § 63.644(a)(2) § 63.670	For a Group 1 miscellaneous process vent, reduce emissions of organic HAPs using a flare. On and after January 30, 2019, the flare shall meet the requirements of §63.670.	§ 63.644(a) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.655(i) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) § 63.655(f)(4) § 63.655(g) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)
GRPCCEFR MS	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A)	Tanks shall not store VOC unless the required pressure is maintained, or	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(4)(A) [G]§ 115.117		
GRPCCEFR MS	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPCCEFR MS	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)				
GRPCCEFR MS	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPCCIFR	EU	R5112-	VOC	30 TAC Chapter	§ 115.112(a)(1)	Tanks shall not store VOC	§ 115.114(a)(1)	§ 115.118(a)(3)	§ 115.114(a)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
MS		0001		115, Storage of VOCs	§ 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	
GRPCCIFR MS	EU	63CC-02A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPCCIFR MS	EU	63CC-02B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	(11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPCONE1	EU	R5112-0006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRPCONE1	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPCOOL	EU	63CC-3000	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.642(b) § 63.642(n) [G]§ 63.654(d) [G]§ 63.654(f)	Except as specified in §63.654(b), the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of §63.654(c)-(g).	§ 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4) § 63.654(c) [G]§ 63.654(c)(1) § 63.654(c)(3) [G]§ 63.654(c)(4) [G]§ 63.654(c)(6) [G]§ 63.654(d) § 63.654(e) [G]§ 63.654(f) [G]§ 63.654(g)	§ 63.642(d)(3) [G]§ 63.654(g) § 63.655(i) § 63.655(i)(5) § 63.655(i)(5)(i) § 63.655(i)(5)(ii) [G]§ 63.655(i)(5)(iii) § 63.655(i)(5)(iv) § 63.655(i)(5)(v) § 63.655(i)(6)	§ 63.642(d)(2) § 63.642(f) [G]§ 63.654(c)(4) § 63.655(f) § 63.655(f)(1)(vi) § 63.655(f)(4) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(9) § 63.655(h) § 63.655(h)(7)
GRPFFEFR MS	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
GRPFFEFR MS	EU	61FF-0006	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFIFR MS	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRPFIFR MS	EU	61FF-0005	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
GRPFIFR MS	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPFIFR MS	EU	63CC-0004	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 113.540 § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C)	Floating roof storage vessels described by §63.640(n)(1) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.1063(c)(2)(iv)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.642(b) § 63.642(n)	(vi).	§ 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)		§ 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRPFIFR MS	EU	63CC-004	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 113.540 § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(2) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vii).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRPFIFR MS	EU	63CC-02A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 113.540 § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	to the requirements in §63.660(a)-(i).		§ 63.655(i)(6) § 63.660(a)(1)	[G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPFIFR MS	EU	63CC-02B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 113.540 § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)				
GRPFIFR MS	EU	63G-005	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi) § 63.119(b)(5)(vii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)	Tanks using a fixed roof and an internal floating roof (defined in §63.111) to comply with §63.119(a)(1) must comply with: §63.119(b)(1)-(6).	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
GRPFIFR MS	EU	63G-005WW	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(2)(ii) § 63.132(a)(2)(i)(A) § 63.132(a)(2)(i)(B) [G]§ 63.132(f) § 63.133(f) § 63.133(h) § 63.140(a) § 63.140(b) § 63.140(c) § 63.144(a)	A fixed roof and an internal floating roof that meets the requirements specified in Sec. 63.119(b) of this subpart;	§ 63.133(f) § 63.133(g) § 63.133(g)(2) § 63.133(g)(3) § 63.143(a) § 63.143(g)	§ 63.133(h) § 63.147(b) § 63.147(b)(1) § 63.147(b)(6) § 63.147(b)(7) [G]§ 63.152(a)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(6) § 63.146(c) § 63.146(g) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) § 63.151(e)(5) § 63.151(f) § 63.151(f)(1) § 63.151(f)(2) § 63.151(f)(3) § 63.151(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									[G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRPGEFMS	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
GRPGEFMS	EU	60QQQ-0006	VOC	40 CFR Part 60, Subpart QQQ	§ 60.693-2(a) § 60.692-1(a) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b) § 60.693-2(a)(1) § 60.693-2(a)(1)(i) § 60.693-2(a)(1)(i)(B) § 60.693-2(a)(1)(i)(C) [G]§ 60.693-2(a)(1)(ii) § 60.693-2(a)(1)(iii) § 60.693-2(a)(1)(iv) § 60.693-2(a)(2) § 60.693-2(a)(3)	May elect to install a floating roof on an oil-water separator tank, slop oil tank or other auxiliary equipment subject to this subpart which meets the following specifications:	§ 60.693-2(a)(1)(iii)(A) § 60.693-2(a)(1)(iii)(B) § 60.693-2(a)(5)(i) § 60.696(a) [G]§ 60.696(d)	§ 60.697(a) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) [G]§ 60.697(k)	§ 60.693-2(b) § 60.698(a) § 60.698(b)(1) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.693-2(a)(4) § 60.693-2(a)(5)(ii) § 60.693-2(c)				
GRPGEFMS	EU	61FF-0006	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
GRPGEFMS	EU	63G-002	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(c) § 63.119(a)(1) § 63.119(c)(1) § 63.119(c)(1)(i) § 63.119(c)(1)(ii) § 63.119(c)(1)(iii) § 63.119(c)(2)(i) § 63.119(c)(2)(ii) § 63.119(c)(2)(iii) § 63.119(c)(2)(iv) § 63.119(c)(2)(ix) § 63.119(c)(2)(v) § 63.119(c)(2)(vi) § 63.119(c)(2)(vii) § 63.119(c)(2)(viii) § 63.119(c)(2)(x) § 63.119(c)(2)(xi) § 63.119(c)(2)(xii) [G]§ 63.119(c)(3)	Tanks using an external floating roof, (defined in § 63.111), to comply with §63.119(a)(1) shall comply with §63.119(c)(1)-(4).	§ 63.120(b)(1)(i) § 63.120(b)(1)(iii) § 63.120(b)(1)(iv) § 63.120(b)(10) § 63.120(b)(2)(i) § 63.120(b)(2)(ii) § 63.120(b)(2)(iii) § 63.120(b)(3) § 63.120(b)(4)	[G]§ 63.120(b)(7) § 63.120(b)(8) § 63.123(a) § 63.123(d) § 63.123(g) [G]§ 63.152(a)	§ 63.120(b)(10)(ii) § 63.120(b)(10)(iii) § 63.120(b)(9) [G]§ 63.122(e)(1) § 63.122(e)(2) § 63.122(e)(3) § 63.122(e)(3)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.119(c)(4) § 63.120(b)(10)(i) § 63.120(b)(5)(i) § 63.120(b)(5)(ii) § 63.120(b)(6)(i) § 63.120(b)(6)(ii) [G]§ 63.120(b)(7) § 63.120(b)(8)				
GRPGEFRMS	EU	63G-002WW	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(2)(iii) § 63.132(a)(2)(i)(A) § 63.132(a)(2)(i)(B) [G]§ 63.132(f) § 63.133(e)(2) § 63.133(f) § 63.133(h) § 63.140(a) § 63.140(b) § 63.140(c) § 63.144(a)	An external floating roof that meets the requirements specified in §63.119(c), §63.120(b)(5), and §63.120(b)(6) of this subpart; or	§ 63.133(e)(1) § 63.133(f) § 63.133(g) § 63.133(g)(2) § 63.133(g)(3) § 63.143(a) § 63.143(g)	§ 63.133(e)(2) § 63.133(h) § 63.147(b) § 63.147(b)(1) § 63.147(b)(3) § 63.147(b)(6) § 63.147(b)(7) [G]§ 63.152(a)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(6) § 63.146(c) § 63.146(g) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) § 63.151(e)(5) § 63.151(f) § 63.151(f)(1) § 63.151(f)(2) § 63.151(f)(3) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRPGFIFRMS	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A)	Tanks shall not store VOC unless the required pressure is maintained, or	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	they are equipped with the appropriate control device specified in Table I(a) or Table II(a).			
GRPGFIFR MS	EU	R5112-0009	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRPGFIFR MS	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPGFIFR MS	EU	63CC-02A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)			§ 63.655(h)(6)(ii)	
GRPGFIFR MS	EU	63CC-02B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPGGGAF UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric	None	§ 115.356 § 115.356(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals		storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.		[G]§ 115.356(3)(C)	
GRPGGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPGGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(7)	have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	
GRPGGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(8) § 115.357(9)	No pressure relief valves contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRPGGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) § 115.357(9)	No pressure relief valves contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						process fluid based on sight, smell, or sound.			
GRPGGGAF-UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No open-ended valves or lines contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRPGGGAF-UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	No open-ended valves or lines contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRPGGGAF-UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3)	No valves contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3)	[G]§ 115.354(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9)	after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(9) [G]§ 115.355	§ 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRPGGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPGGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	No flanges or other connectors contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						or exuding of process fluid based on sight, smell, or sound.			
GRPGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(8)	No agitators contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(8)	No agitators contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C)	No compressor seals in hydrogen service with and the hydrogen content can be expected to always exceed 50.0% by volume	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(3) § 115.357(8)	shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		[G]§ 115.356(3)(C) § 115.356(5)	
GRPGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No compressor seals that are equipped with a shaft sealing system that prevents or detects emissions of VOCs from the seal shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1)	No compressor seals contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.357(1) § 115.357(8)	as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
GRPGGGAF-UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No compressor seals contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPGGGAF-UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No pump seals that are equipped with a shaft sealing system that prevents or detects emissions of VOCs from the seal shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	[G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPGGGAF-UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2)	No pump seals contacting a fluid with TVP less than or equal to 0.044 psia (heavy	§ 115.354(1) § 115.354(2) § 115.354(5)	§ 115.352(7) § 115.356 [G]§ 115.356(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	[G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	
GRPGGGAF-UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPGGGAF-UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(C) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5)	If the owner or operator elects to use the alternative work practice in §115.358, no component shall be allowed to have a VOC leak, detected as defined in §115.358, for more than 15 days after discovery. This includes any leak detected using the alternative work practice on a component	§ 115.354(1) § 115.354(11) § 115.354(13)(A) § 115.354(13)(B) § 115.354(13)(C) § 115.354(13)(D) § 115.354(13)(E) § 115.354(13)(F) § 115.354(4) § 115.354(5) § 115.354(9)	§ 115.352(7) § 115.354(13)(D) § 115.354(13)(E) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) [G]§ 115.356(4)	[G]§ 115.358(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(7) § 115.357(8) § 115.358(c)(1) [G]§ 115.358(h)	that is subject to the requirements of this division but not specifically selected for alternative work practice monitoring.	[G]§ 115.355 § 115.358(c)(2) § 115.358(d) [G]§ 115.358(e) § 115.358(f)	§ 115.356(5)	
GRPGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9)	No valves contacting a fluid with TVP less than or equal to 0.044 psia (heavy liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	[G]§ 115.354(7)
GRPGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(5)	Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRPGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRPGGAFUG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.357(11)	Sampling connection systems, as defined in 40	None	§ 115.356 § 115.356(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals		CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.		[G]§ 115.356(3)(C)	
GRPGGGAF UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(13)	Components/systems that contact a process fluid containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRPGGGAF UG	EU	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(6)	Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRPGGGAF UG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.593a(g) § 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(d) [G]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1) § 60.482-11a(f)(2) § 60.482-11a(g)	Connectors in gas/vapor or light liquid service are exempt from the requirements in §60.482-11a, provided the owner or operator complies with §60.482-8a for all connectors, not just those in heavy liquid service.	§ 60.482-11a(a) § 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(b)(3)(ii) [G]§ 60.482-	§ 60.482-11a(b)(3)(v) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8) § 60.486a(e)(9)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(vii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(f) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)		11a(b)(3)(iii) § 60.482-11a(b)(3)(iv) § 60.482-11a(c) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.486a(f) § 60.486a(f)(1)	§ 60.487a(c)(2)(viii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
GRPGGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-2a(b)(1) § 60.482-2a(b)(2) § 60.482-2a(b)(2)(ii) § 60.482-2a(c)(1) [G]§ 60.482-2a(c)(2) § 60.482-2a(d) [G]§ 60.482-2a(d)(1) § 60.482-2a(d)(2) § 60.482-2a(d)(3) [G]§ 60.482-2a(d)(6) [G]§ 60.482-2a(e) § 60.482-2a(f) [G]§ 60.482-2a(g) § 60.482-2a(h) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(c)	Comply with the requirements as stated in §60.482-2a for pumps in light liquid service.	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(2)(i) [G]§ 60.482-2a(d)(4) [G]§ 60.482-2a(d)(5) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) § 60.486a(e)(7) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(3) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)				
GRPGGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.18 § 60.482-10a(a) § 60.482-10a(d) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-10a for flares.	§ 60.482-10a(e) § 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(g) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
GRPGGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-10a(a) [G]§ 60.482-10a(f) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(i) [G]§ 60.482-10a(j) [G]§ 60.482-10a(k) § 60.482-10a(m) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d)	Comply with the requirements as stated in §60.482-10a for closed-vent systems.	§ 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) § 60.593a(d)	[G]§ 60.482-10a(l) § 60.485a(b)(2) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.592a(e)				
GRPGGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-8a for pressure relief devices in heavy liquid service.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
GRPGGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(f)	Comply with the requirements as stated in §60.482-8a for connectors in heavy liquid service.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)				
GRPGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(e) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-8a for valves in heavy liquid service.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
GRPGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-7a(a)(1) § 60.482-7a(b) [G]§ 60.482-7a(d)	Comply with the requirements as stated in §60.482-7a for valves in gas/vapor or light liquid service.	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(2) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.482-7a(e) [G]§ 60.482-7a(f) [G]§ 60.482-7a(g) [G]§ 60.482-7a(h) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(e) § 60.482-9a(f) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)		[G]§ 60.482-7a(c) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	[G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) § 60.486a(f)(2)	§ 60.487a(c)(2)(i) § 60.487a(c)(2)(ii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
GRPGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-6a(a)(1) § 60.482-6a(a)(2) § 60.482-6a(b) § 60.482-6a(c) § 60.482-6a(d) § 60.482-6a(e) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-6a for open-ended valves and lines.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
GRPGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.593a(f) § 60.482-1a(a) § 60.482-1a(g)	Open-ended valves or lines containing asphalt as defined in (§60.591a are	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						exempt from the requirements of §60.482-6a(a) through (c).	§ 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
GRPGGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-5a(a) [G]§ 60.482-5a(b) § 60.482-5a(c) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-5a for sampling connection systems.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
GRPGGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1)	Comply with the requirements as stated in §60.482-8a for pressure relief devices in light liquid service.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)				
GRPGGGAF-UG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-4a(a) § 60.482-4a(b)(1) § 60.482-4a(b)(2) § 60.482-4a(c) § 60.482-4a(d)(1) § 60.482-4a(d)(2) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-4a for pressure relief devices in gas/vapor service.	§ 60.482-1a(g) § 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
GRPGGGAF-UG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-3a(a) [G]§ 60.482-3a(b) § 60.482-3a(c) § 60.482-3a(d) § 60.482-3a(e)(2) § 60.482-3a(f) [G]§ 60.482-3a(g) § 60.482-3a(h) [G]§ 60.482-3a(i)	Comply with the requirements as stated in §60.482-3a for compressors.	§ 60.482-1a(g) § 60.482-3a(e)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(4) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(v) § 60.487a(c)(2)(vi) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-3a(j) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)				
GRPGGGAF-UG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-3a(a) [G]§ 60.482-3a(b) § 60.482-3a(c) § 60.482-3a(d) § 60.482-3a(e)(2) § 60.482-3a(f) [G]§ 60.482-3a(g) § 60.482-3a(h) [G]§ 60.482-3a(i) § 60.482-3a(j) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e) § 60.593a(c)	Comply with the requirements as stated in §60.482-3a for reciprocating compressors that become subject under §60.14 and §60.15.	§ 60.482-1a(g) § 60.482-3a(e)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(4) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(v) § 60.487a(c)(2)(vi) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPGGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.593a(b)(1)	Compressors in hydrogen service are exempt from the requirements of §60.592a if an owner or operator demonstrates that a compressor is in hydrogen service.	§ 60.593a(b)(2) [G]§ 60.593a(b)(3)	None	None
GRPGGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-8a for pumps in heavy liquid service.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
GRPGGGAFUG	EU	60GGGA-ALL	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(d) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.486a(k)	Comply with the requirements as stated in §60.482-1a(d) for equipment in vacuum service.	[G]§ 60.485a(b)(1) § 60.485a(b)(2)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.592a(d) § 60.592a(e)				
GRPGGGAF-UG	EU	63CCVV-PRD1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
GRPGGGAF-UG	EU	63CCVV-PRD1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.648(j)(3)(iii) § 63.655(d)(2) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
GRPGGGAF-UG	EU	63CCVV-PRD10	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)		§ 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)		
GRPGGGAFUG	EU	63CCVV-PRD11	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
GRPGGGAFUG	EU	63CCVV-PRD2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)				
GRPGGGAF-UG	EU	63CCVV-PRD2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)
GRPGGGAF-UG	EU	63CCVV-PRD3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) § 63.644(a)(2) [G]§ 63.648(j)(2) § 63.648(j)(4)(iv) § 63.670	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	§ 63.644(a) § 63.644(e) [G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(iv) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 63.642(f) § 63.655(f) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)
GRPGGGAF-UG	EU	63CCVV-PRD4	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(iv) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)
GRPGGGAF-UG	EU	63CCVV-PRD5	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n)	Except during a pressure release, operate each pressure relief device in	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(11)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.648(j)(2)	organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.		§ 63.655(i)(11)(iv) § 63.655(i)(6)	
GRPGGGAFUG	EU	63CCVV-PRD6	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) § 63.644(a)(2) [G]§ 63.648(j)(2) § 63.648(j)(4)(iv) § 63.670	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	§ 63.644(a) § 63.644(e) [G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 63.642(f) § 63.655(f) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)
GRPGGGAFUG	EU	63CCVV-PRD7	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)
GRPGGGAFUG	EU	63CCVV-PRD8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2)	§ 63.648(h) § 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(10)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPGGGAFUG	EU	63CCVV-PRD9	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.644(a)(2) § 63.648(a)(2) § 63.648(j)(4)(iv) § 63.670	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 63.644(a) § 63.644(e)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2) § 63.655(f) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)
GRPGGGAFUG	EU	63CCVV-PRD9	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(4)(iv) § 63.642(b) § 63.642(n) § 63.644(a)(2) § 63.670	For each pressure relief device in organic HAP gas or vapor service routed to a control device, both the closed vent system and control device (if applicable) referenced in §63.648(j)(4)(i)-(iii) must meet the requirements of §63.644. When complying with this §63.648(j)(4), all references to 'Group 1 miscellaneous process vent' in §63.644 mean 'pressure relief device.'	§ 63.644(a) § 63.644(e)	§ 63.648(h) § 63.655(i) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 63.642(f) § 63.655(f) § 63.655(f)(4) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)
GRPGIFRMS1	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	appropriate control device specified in Table I(a) or Table II(a).			
GRPGIFRM S1	EU	60QQQ-0007	VOC	40 CFR Part 60, Subpart QQ	§ 60.692-3(d) § 60.692-1(a) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to the requirements of 40 CFR subparts K, Ka, or Kb, are not subject to the requirements of 40 CFR §60.692-3.	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(e)
GRPGIFRM S1	EU	61FF-0005	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
GRPGIFRM S1	EU	63G-005	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(b) § 63.119(a)(1) [G]§ 63.119(b)(1) § 63.119(b)(2) § 63.119(b)(3)(ii) § 63.119(b)(4) § 63.119(b)(5)(i) § 63.119(b)(5)(ii) § 63.119(b)(5)(iii) § 63.119(b)(5)(iv) § 63.119(b)(5)(v) § 63.119(b)(5)(vi)	Tanks using a fixed roof and an internal floating roof (defined in §63.111) to comply with §63.119(a)(1) must comply with: §63.119(b)(1)-(6).	§ 63.120(a)(2)(i) § 63.120(a)(2)(ii)	§ 63.120(a)(4) § 63.123(a) § 63.123(c) § 63.123(g) [G]§ 63.152(a)	§ 63.120(a)(5) § 63.120(a)(6) § 63.122(d) § 63.122(d)(1)(ii) § 63.122(d)(1)(iii) § 63.122(d)(2)(ii) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.119(b)(5)(vii) § 63.119(b)(6) § 63.120(a)(4) § 63.120(a)(7)				§ 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
GRPGIFRM S1	EU	63G-005WW	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(2)(ii) § 63.132(a)(2)(i)(A) § 63.132(a)(2)(i)(B) [G]§ 63.132(f) § 63.133(f) § 63.133(h) § 63.140(a) § 63.140(b) § 63.140(c) § 63.144(a)	A fixed roof and an internal floating roof that meets the requirements specified in Sec. 63.119(b) of this subpart;	§ 63.133(f) § 63.133(g) § 63.133(g)(2) § 63.133(g)(3) § 63.143(a) § 63.143(g)	§ 63.133(h) § 63.147(b) § 63.147(b)(1) § 63.147(b)(6) § 63.147(b)(7) [G]§ 63.152(a)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(6) § 63.146(c) § 63.146(g) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) § 63.151(e)(5) § 63.151(f) § 63.151(f)(1) § 63.151(f)(2) § 63.151(f)(3) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
GRPGIFRM S2	EU	R5112-0002	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.114(a)(1)(A)				
GRPGIFRM S2	EU	60QQQ-0007	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(a) § 60.692-1(a) § 60.692-3(a)(1) § 60.692-3(a)(2) § 60.692-3(a)(3) § 60.692-3(a)(5) § 60.692-3(e) § 60.692-3(f) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications:	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(e)
GRPGIFRM S2	EU	61FF-0005	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
GRPGIFRM S2	EU	63G-003	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
GRPGIFRM S2	EU	63G-003WW	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).			§ 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
GRPKVOC	EU	R5112-0008	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRPKVOC	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPKVOC	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)		§ 63.660(a)(1) § 63.660(a)(2)		§ 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPKVOC	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)				
GRPRTOTK S	EU	R5112-0006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRPRTOTK S	EU	60QQQ-0014	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(a) § 60.692-1(a) § 60.692-3(a)(1) § 60.692-3(a)(2) § 60.692-3(a)(3) § 60.692-3(a)(5) § 60.692-3(e) § 60.692-3(f) § 60.692-5(a) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications:	§ 60.692-3(a)(4) § 60.695(a) § 60.695(a)(1) § 60.696(a)	§ 60.695(a)(1) § 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(viii)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(1) § 60.698(e)
GRPRTOTK S	EU	61FF-0027	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(C)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(1) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i)(A) § 61.356(f)(2)(i)(A) § 61.356(g) § 61.356(h)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)			§ 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	
GRPRTOTKS	EU	63G-001	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
GRPRTOTKS	EU	63G-001WW	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
GRPTK5491	EU	R5112-0005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
GRPTK5491	EU	60K-001	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	** See Periodic Monitoring Summary		
GRPTK5491	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPTK5491	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)				
GRPTK5491	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPTK7600	EU	R5112-	VOC	30 TAC Chapter	§ 115.112(a)(1)	Tanks shall not store VOC	§ 115.114(a)(2)	§ 115.118(a)(3)	§ 115.114(a)(2)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		0005		115, Storage of VOCs	§ 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(4)(B) § 115.118(a)(3)
GRPTK7600	EU	60Ka-002	VOC	40 CFR Part 60, Subpart Ka	§ 60.112a(a)(1) § 60.112a(a)(1)(i) § 60.112a(a)(1)(i)(A) § 60.112a(a)(1)(i)(C) § 60.112a(a)(1)(i)(D) § 60.112a(a)(1)(ii)(A) § 60.112a(a)(1)(ii)(B) § 60.112a(a)(1)(ii)(C) § 60.112a(a)(1)(ii)(D) § 60.112a(a)(1)(iii) § 60.112a(a)(1)(iv)	Vessels storing petroleum liquids with a TVP > 10.3 kPa (1.5 psia) but < 76.6 kPa (11.1 psia) shall be equipped with an external floating roof and closure device as specified.	§ 60.113a(a)(1) § 60.113a(a)(1)(i) § 60.113a(a)(1)(i)(A) § 60.113a(a)(1)(i)(B) § 60.113a(a)(1)(i)(C) § 60.113a(a)(1)(i)(D) § 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(ii)(A) § 60.113a(a)(1)(ii)(B) § 60.113a(a)(1)(ii)(C) § 60.113a(a)(1)(iii) § 60.113a(a)(1)(iv) § 60.115a(a) § 60.115a(b)	§ 60.113a(a)(1)(i)(D) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv)
GRPTK7600	EU	63CC-0002	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(9) § 60.112a(a)(1) § 60.112a(a)(1)(i) § 60.112a(a)(1)(i)(A) § 60.112a(a)(1)(i)(C)	Storage vessels described by paragraph §63.640(n)(6) that are to comply with 40 CFR part 60, subpart Ka, are to comply with only subpart Ka except as provided for in	§ 60.113a(a)(1) § 60.113a(a)(1)(i) § 60.113a(a)(1)(i)(A) § 60.113a(a)(1)(i)(B)	§ 60.113a(a)(1)(i)(D) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv) § 63.640(n)(9)(iii) § 63.640(n)(9)(iv)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112a(a)(1)(i)(D) § 60.112a(a)(1)(ii)(A) § 60.112a(a)(1)(ii)(B) § 60.112a(a)(1)(ii)(C) § 60.112a(a)(1)(ii)(D) § 60.112a(a)(1)(iii) § 60.112a(a)(1)(iv) § 63.640(n)(9)(i) § 63.640(n)(9)(ii) § 63.642(b) § 63.642(n)	§63.640(n)(9)(i)-(iv).	60.113a(a)(1)(i)(C) § 60.113a(a)(1)(i)(D) § 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(ii)(A) § 60.113a(a)(1)(ii)(B) § 60.113a(a)(1)(ii)(C) § 60.113a(a)(1)(iii) § 60.113a(a)(1)(iv) § 60.115a(a) § 60.115a(b) § 63.640(n)(9)(i)		
GRPTK7600	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRPTK7600	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)		§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)	
GRPTK7600	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)				
GRPVENTC C1	EP	R5131-1001	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
GRPVENTC C1	EP	63CC-1011	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a)(1) § 63.642(b) § 63.642(n) § 63.644(a)(2) § 63.670	For a Group 1 miscellaneous process vent, reduce emissions of organic HAPs using a flare. On and after January 30, 2019, the flare shall meet the requirements of §63.670.	§ 63.644(a) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.655(i) [G]§ 63.655(i)(3) § 63.655(i)(6)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) § 63.655(f)(4) § 63.655(g) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)
PRO-WWTU	EU	61FF-0216	Benzene	40 CFR Part 61, Subpart FF	§ 61.348(a)(1) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(C)	The owner or operator shall design, install, operate and maintain a treatment process that removes or destroys benzene as specified.	§ 61.348(f) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(a)(2) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h)	§ 61.354(a)(2) § 61.354(c) § 61.354(c)(1) § 61.356(e) § 61.356(e)(1) § 61.356(e)(2) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(A)	§ 61.357(d)(7) § 61.357(d)(7)(ii) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)			§ 61.356(h) [G]§ 61.356(i) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	
PRO-WWTU	EU	63G-009	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.138(a)(7)(i)(A) [G]§ 63.132(f) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(i) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) [G]§ 63.148(d) § 63.148(e)	For combinations of treatment processes or control devices, the wastewater stream or vented gas stream shall be conveyed by hard-piping between the treatment processes or control devices.	§ 63.138(a)(7)(i)(D) § 63.138(j)(1) § 63.139(d)(2)(i) § 63.139(e) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.145(a)(1) § 63.145(a)(2) § 63.148(b)(1)(iii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.138(a)(7)(i)(C) § 63.138(j)(1) § 63.143(f) § 63.147(b) § 63.147(b)(2) § 63.147(b)(5) § 63.147(b)(7) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.138(a)(7)(i)(C) § 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(6) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(B) § 63.146(b)(9) § 63.146(b)(9)(i) § 63.146(e) § 63.146(e)(1) § 63.148(j) § 63.148(j)(1) [G]§ 63.152(a) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
RTO	EU	60QQQ-0002	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-5 § 60.692-1(a) § 60.692-5(a) § 60.692-5(d)	Standards for closed vent system and control devices.	§ 60.695(a) § 60.695(a)(1) § 60.696(a)	§ 60.695(a)(1) § 60.697(a) § 60.697(d) [G]§ 60.697(e)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(1) § 60.698(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)			§ 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(viii)	
RTO	CD	61FF-002	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(C) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h) ** See CAM Summary	§ 61.354(c) § 61.354(c)(1) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(A) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)
T-1001	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
T-1001	EU	60Kb-003	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)		[G]§ 60.115b(b)(2) § 60.115b(b)(4)
T-1001	EU	61FF-0006	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
T-106	EU	R5112-0005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117		
T-106	EU	60K-001	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
T-106	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-106	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)		§ 63.660(a)(2)	§ 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)	
T-106	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(b)(5) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)				
T-107	EU	R5112-0005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
T-107	EU	60K-001	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
T-107	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
T-107	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-107	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in § 63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	§63.660(a)-(i).	[G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.655(i)(6) § 63.660(a)(1)	[G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-108R	EU	R5112-0006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-108R	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-109	EU	R5112-0006	VOC	30 TAC Chapter 115, Storage of	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs		storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(7)	
T-109	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-112	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
T-112	EU	60Kb-01A	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 63.1063(c)(2)(iv)(B) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2)		§ 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)		
T-112	EU	60Kb-01B	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 63.1063(c)(2)(iv)(B) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(e)(1) § 63.1063(e)(2)				
T-112	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-112	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) §	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) §	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-112	EU	63CC-2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(2) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)		
T-113	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G] § 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
T-113	EU	60Kb-01A	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) §	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G] § 63.1063(d)(1) § 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G] § 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 63.1063(c)(2)(iv)(B) [G] § 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2)		[G]§ 63.1063(d)(3)(i)		
T-113	EU	60Kb-01B	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 63.1063(c)(2)(iv)(B) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
T-113	EU	63CC-01A	112(B)	40 CFR Part 63,	§ 63.660	For each Group 1 storage	§ 63.1063(c)(2)	§ 63.1063(e)(2)	§ 63.1063(c)(2)(iv)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart CC	§ 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-113	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)		63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.660(a)(1)	§ 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-113	EU	63CC-2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(2) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)		
T-114	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
T-114	EU	60Kb-01A	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 63.1063(c)(2)(iv)(B) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2)				
T-114	EU	60Kb-01B	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 63.1063(c)(2)(iv)(B) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
T-114	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) §	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) §	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	(11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-114	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)			§ 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)	
T-114	EU	63CC-2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(2) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2)(iv)(A)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)		
T-134	EU	R5112-0006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-134	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-147EXCAL	EU	R5112-0007	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-151	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
T-151	EU	61FF-0006	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
T-151	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-151	EU	63CC-0006	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 113.540 [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(1) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vi).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)		
T-151	EU	63CC-006	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 113.540 [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(2) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)		
T-151	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 113.540 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-151	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 113.540 § 63.1062(a)	For each Group 1 storage vessel for which the maximum true vapor	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	[G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-1850	EU	R5112-0008	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-1850	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§63.640(a) are part of the affected source.		§ 63.660(a)(1)	§ 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-1912	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
T-1912	EU	60QQQ-0007	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 60.692-1(a) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to the requirements of 40 CFR subparts K, Ka, or Kb, are not subject to the requirements of 40 CFR §60.692-3.	§ 60.692-3(a)(4) § 60.696(a)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.698(b)(1) § 60.698(e)
T-1912	EU	61FF-0005	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
T-2105	EU	R5112-	VOC	30 TAC Chapter	§ 115.111(a)(1)	Except as provided in §	[G]§ 115.117	§ 115.118(a)(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		0006		115, Storage of VOCs		115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(5) § 115.118(a)(7)	
T-2105	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2106	EU	R5112-0008	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-2106	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2111	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117		
T-2111	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2111	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)				
T-2111	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(iii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2112R	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of	§ 115.112(a)(1) § 115.112(a)(2)	Tanks shall not store VOC unless the required	§ 115.114(a)(2) § 115.114(a)(3)	§ 115.118(a)(3) § 115.118(a)(5)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				VOCs	§ 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(7)	§ 115.118(a)(3)
T-2112R	EU	60Kb-01A	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 63.1063(c)(2)(iv)(B) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
T-2112R	EU	60Kb-01B	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2)	requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
T-2112R	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2112R	EU	63CC-0006	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii)	Floating roof storage vessels described by §63.640(n)(1) are to comply with 40 CFR part 60,	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.640(n)(8)(iii) § 63.642(b) § 63.642(n)	subpart Kb, except as provided in §63.640(n)(8)(i)-(vi).	§ 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)	§ 60.116b(c) § 63.640(n)(8)(vi)	§ 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
T-2112R	EU	63CC-006	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(2) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)		
T-2112R	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.642(b) § 63.642(n) § 63.660(b)				
T-2112R	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2113	EU	R5112-0008	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
T-2113	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2133	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
T-2133	EU	60K-002	VOC	40 CFR Part 60, Subpart K	§ 60.112(a)(1)	Storage vessels holding petroleum liquids with a true vapor pressure of 78 mm Hg (1.5 psia) or greater but not greater than 570 mm Hg (11.1 psia) shall have a floating roof, a vapor recovery system, or their equivalents.	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 60.113(a)	None
T-2133	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2133	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2133	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(iii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2162	EU	R5112-0009	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-2162	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.655(h)(6) § 63.655(h)(6)(ii)
T-2163	EU	R5112-0006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-2163	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2164	EU	R5112-0006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-2164	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
T-2186	EU	R5112-0008	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-2186	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2400	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
T-2400	EU	61FF-0005	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.351(b)				
T-2400	EU	63CC-0005	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(1) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
T-2401	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
T-2401	EU	61FF-0005	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.351(b)				
T-2401	EU	63CC-0005	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(1) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
T-2590R	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
T-2590R	EU	60Kb-003	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)		
T-2590R	EU	61FF-0006	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
T-2900	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.114(a)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) § 115.114(a)(1)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
T-2900	EU	60Kb-02A	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540	Compliance with 40 CFR part 63, subpart WW, may	§ 60.110b(e)(5)(iii) § 60.116b(a)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2)	be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(F)(2) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
T-2900	EU	60Kb-02B	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2)				
T-2900	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-2900	EU	63CC-0005	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(1) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vi).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G] § 60.116b(e)(3) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
T-2900	EU	63CC-005	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C)	Floating roof storage vessels described by §63.640(n)(2) are to comply with 40 CFR part 60, subpart Kb, except as	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b) § 63.642(n)	provided in §63.640(n)(8)(i)-(vii).	§ 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)	§ 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)	
T-2900	EU	63CC-02A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
T-2900	EU	63CC-02B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(B) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(2)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-37	EU	R5112-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-37	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						affected source.			§ 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-5	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
T-5	EU	60Kb-01A	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 63.1063(c)(2)(iv)(B) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2)				
T-5	EU	60Kb-01B	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 113.540 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	§ 60.110b(e)(5)(iii) § 60.116b(a) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(F)(1) § 60.110b(e)(5)(iv)(F)(2) § 63.1063(c)(2)(iv)(B) [G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
T-5	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-5	EU	63CC-0006	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(1) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vi).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
T-5	EU	63CC-006	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b)	Floating roof storage vessels described by §63.640(n)(2) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.642(n)		§ 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)		§ 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
T-5	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(iii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)				§ 63.655(h)(6)(ii)
T-5	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.660(b)				
T-546-1	EU	R5112-0007	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-546-1	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-546-2	EU	R5112-0006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-546-2	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-7842-1	EU	R5112-	VOC	30 TAC Chapter	§ 115.111(a)(1)	Except as provided in §	[G]§ 115.117	§ 115.118(a)(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		0006		115, Storage of VOCs		115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(5) § 115.118(a)(7)	
T-7842-1	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-7842-2	EU	R5112-0007	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-7842-2	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-8010	EU	R5112-0009	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the	§ 115.115(a) § 115.115(a)(3) § 115.115(a)(3)(B) § 115.116(a)(1)	§ 115.118(a)(4) § 115.118(a)(4)(C) § 115.118(a)(4)(C)(ii) § 115.118(a)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117	§ 115.118(a)(7)	
T-8010	EU	60Kb-009	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 60.116b(f)(1) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 60.115b
T-8010	EU	61FF-1	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h) § 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)(i)(G) [G]§ 61.356(f)(3) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	None
T-8010	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-82	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
T-82	EU	R5112-0008	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-82	EU	63CC-0003	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-82	EU	63CC-01A	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) § 63.1063(a)(2)(viii)(A) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(iii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)	operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C) § 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-82	EU	63CC-01B	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) § 63.1063(a)(1)(ii) § 63.1063(a)(1)(ii)(B) § 63.1063(a)(1)(ii)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(viii) §	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	§ 63.1063(c)(2) § 63.1063(c)(2)(i) § 63.1063(c)(2)(ii) § 63.1063(c)(2)(iii) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) [G]§ 63.1063(d)(1) § 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(b)(2) § 63.1065(c) § 63.1065(d) § 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 63.1063(c)(2)(iv)(B) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(f)(6) § 63.655(g) § 63.655(g)(14) [G]§ 63.655(g)(3)(ii) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(B) § 63.655(h)(2)(i)(C)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					63.1063(a)(2)(viii)(B) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(d)(3)(ii) § 63.1063(d)(3)(iii) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)			§ 63.655(h)(2)(ii) § 63.655(h)(6) § 63.655(h)(6)(ii)	
T-8400	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
T-8400	EU	61FF-1	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h) § 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)(i)(G) [G]§ 61.356(f)(3) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	None
T-8400	EU	63CC-3	112(B)	40 CFR Part 63,	§ 63.640(c)(2)	All storage vessels	§ 63.660(a)(1)	§ 63.655(g)(7)(ii)	§ 63.642(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart CC	§ 63.642(b) § 63.642(n)	associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(2)	§ 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
T-PS473D	EU	R5112-0007	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TK-8045	EU	R5112-004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(2) § 115.114(a)(3) § 115.114(a)(4) § 115.114(a)(4)(A) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
TK-8045	EU	61FF-0006	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii)		
TK-SRLUBE2	EU	R5112-0007	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
UNLOAD-FATS	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
VACUUM	EU	R5131-2000	VOC	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	§ 115.311(a)(1) § 115.312(a)(2) § 115.312(a)(2)(B)	No emission of VOC from steam ejector or mechanical vacuum pump in a petroleum refinery unless vent stream is burned in accordance with §115.312(a) of this title.	[G]§ 115.315(a) ** See Periodic Monitoring Summary	§ 115.316(a)(3) § 115.316(a)(4)	None

Additional Monitoring Requirements

Compliance Assurance Monitoring Summary	489
Periodic Monitoring Summary	495

CAM Summary

Unit/Group/Process Information	
ID No.: E-01-SCOT	
Control Device ID No.: E-01-SCOT	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2007-0003
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 1650 lbs SO ₂ /hr	
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record sulfur dioxide emissions in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B. In addition, monitor oxygen or carbon dioxide with a CEMS operated in accordance with above CEMS procedures.	

CAM Summary

Unit/Group/Process Information	
ID No.: E-02-SCOT	
Control Device ID No.: E-02-SCOT	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2007-0003
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 1596 lbs SO ₂ /hr	
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record sulfur dioxide emissions in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B. In addition, monitor oxygen or carbon dioxide with a CEMS operated in accordance with above CEMS procedures.	

CAM Summary

Unit/Group/Process Information	
ID No.: E-03-SCOT	
Control Device ID No.: E-03-SCOT	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2007-0003
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 1693 lbs SO ₂ /hr	
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record sulfur dioxide emissions in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B. In addition, monitor oxygen or carbon dioxide with a CEMS operated in accordance with above CEMS procedures.	

CAM Summary

Unit/Group/Process Information	
ID No.: E-04-SCOT	
Control Device ID No.: E-04-SCOT	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2007-0003
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 1539 lbs SO ₂ /hr	
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record sulfur dioxide emissions in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B. In addition, monitor oxygen or carbon dioxide with a CEMS operated in accordance with above CEMS procedures.	

CAM Summary

Unit/Group/Process Information	
ID No.: E-05-SCOT	
Control Device ID No.: E-05-SCOT	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2007-1
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 2220 lbs SO ₂ /hr	
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record sulfur dioxide emissions in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B. In addition, monitor oxygen or carbon dioxide with a CEMS operated in accordance with above CEMS procedures.	

CAM Summary

Unit/Group/Process Information	
ID No.: RTO	
Control Device ID No.: RTO	Control Device Type: Vapor combustor
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart FF	SOP Index No.: 61FF-002
Pollutant: Benzene	Main Standard: § 61.349(a)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum Temperature is 1400 degrees Fahrenheit.	
CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: ± 0.75% of the temperature being measured expressed in degrees Celsius; or ± 2.5 degrees Celsius.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E-01-241	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7100-3
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: 400 pmv at 3.0% O ₂ (Oxygen) on a one-hour average.	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. Establish a maximum carbon monoxide concentration using the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method Determination of Oxygen, Carbon Monoxide, and Oxides of Nitrogen from Stationary Sources for Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data below the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E-01-242	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7100-3
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: 400 pmv at 3.0% O ₂ (Oxygen) on a one-hour average.	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. Establish a maximum carbon monoxide concentration using the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method Determination of Oxygen, Carbon Monoxide, and Oxides of Nitrogen from Stationary Sources for Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data below the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E-01-243	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7100-4
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: 400 pmv at 3.0% O ₂ (Oxygen) on a one-hour average.	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. Establish a maximum carbon monoxide concentration using the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method Determination of Oxygen, Carbon Monoxide, and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data below the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E-02-1344A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7100-4
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: 400 pmv at 3.0% O ₂ (Oxygen) on a one-hour average.	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. Establish a maximum carbon monoxide concentration using the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method Determination of Oxygen, Carbon Monoxide, and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data below the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: E-02-1344B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7100-4
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: 400 pmv at 3.0% O ₂ (Oxygen) on a one-hour average.	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. Establish a maximum carbon monoxide concentration using the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method Determination of Oxygen, Carbon Monoxide, and Oxides of Nitrogen from Stationary Sources for Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data below the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-WASH1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-0057
Pollutant: VOC	Main Standard: § 115.412(a)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Cover shall be kept closed whenever cleaner is not in use	
Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(a)(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(a)(1)(A)-(F) shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTK5491	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-001
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: The roof is not floating on the surface of the VOC, liquid has accumulated on the external floating roof, the seals are detached, or any holes/tears in the seal fabric	
Periodic Monitoring Text: Visually inspect and record the inspection of the external floating roof to ensure: the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: T-106	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-001
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: The roof is not floating on the surface of the VOC, liquid has accumulated on the external floating roof, the seals are detached, or any holes/tears in the seal fabric	
Periodic Monitoring Text: Visually inspect and record the inspection of the external floating roof to ensure: the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: T-107	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-001
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: The roof is not floating on the surface of the VOC, liquid has accumulated on the external floating roof, the seals are detached, or any holes/tears in the seal fabric	
Periodic Monitoring Text: Visually inspect and record the inspection of the external floating roof to ensure: the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: T-2133	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-002
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: The roof is not floating on the surface of the VOC, liquid has accumulated on the external floating roof, the seals are detached, or any holes/tears in the seal fabric.	
Periodic Monitoring Text: Visually inspect and record the inspection of the external floating roof to ensure: the roof is floating on the surface of the VOC and not on the leg supports, liquid has not accumulated on the external floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the external floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: T-8010	
Control Device ID No.: CAS	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-009
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC concentration	
Minimum Frequency: Every other week	
Averaging Period: N/A	
Deviation Limit: Breakthrough shall be defined as the highest 1-minute average measured VOC concentration at or exceeding 100 ppmv.	
Periodic Monitoring Text: Measure and record the VOC concentration during tank filling using a portable analyzer to monitor at the outlet of the initial canister, but before the inlet to the second or final polishing canister of the carbon adsorption system, as appropriate. The monitoring device shall meet the requirements of 40 CFR Part 60, Appendix A, Method 21, Section 8.1. However, the words "leak definition" in Method 21 shall be the outlet concentration. The zero calibration gas shall be certified to contain less than 0.1 ppmv total hydrocarbons. Span calibration gas shall be isobutylene at a concentration within ± 10 percent of 100 ppmv and certified by the manufacturer to be ± 2 percent accurate. Calibration error for the zero and span calibration gas checks must be less than ± 5 percent of the span calibration gas value before sampling may be conducted. The probe inlet of the monitoring device shall be placed at approximately the center of the carbon adsorber outlet vent. The probe shall be held there for at least 5 minutes during which flow into the carbon adsorber is expected to occur. The monitoring device shall be calibrated, operated, and maintained in accordance with manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated, operated, and maintained accurately. Establish a maximum VOC concentration and that the carbon adsorption system will operate without breakthrough for more than two weeks using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. If the maximum reading after the outlet of the first canister or any subsequent canisters prior to the final canister in series, is above the maximum limit, the canisters indicating breakthrough shall be replaced and the event recorded before the next VOC reading is taken. If the canister is not replaced and the event not recorded, it shall be considered and reported as a deviation. If the VOC concentration from the final canister is above the maximum limit it shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: T-8010	
Control Device ID No.: CAS	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-009
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: It shall be considered a deviation if there are detectable emissions of 500 ppm or greater above background and/or VOC concentrations are not measured and recorded.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: T-8010	
Control Device ID No.: CAS	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-009
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: It shall be considered a deviation if defects in the closed vent system are detected or if the components are not inspected.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VACUUM	
Control Device ID No.: E-19-FLARE	Control Device Type: Flare
Control Device ID No.: E-23-FLARE	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5131-2000
Pollutant: VOC	Main Standard: § 115.311(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: No pilot flame	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Permit Shield

Permit Shield	510

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
DCU-844H1	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuel only.
DCU-844H1	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992.
DCU-844H2	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuel only.
DCU-844H2	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992.
E-01-1241	N/A	40 CFR Part 60, Subpart J	Process heater was constructed, reconstructed or modified before June 11, 1973.
E-01-1344	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-01-146	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-01-147	N/A	30 TAC Chapter 117, Subchapter B	Unit placed into service after the final compliance date as specified in §117.9000.
E-01-241	N/A	40 CFR Part 63, Subpart DDDDD	Existing sources are only required to comply with the initial notifications specified in 63.9(b)
E-01-242	N/A	40 CFR Part 63, Subpart DDDDD	Existing sources are only required to comply with the initial notifications specified in 63.9(b)
E-01-243	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-01-244A	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-01-245	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion units use gaseous fuel only.
E-01-245	N/A	30 TAC Chapter 117, Subchapter B	Maximum Rated Capacity is less than 40 MMBTU/HR.
E-01-246	N/A	30 TAC Chapter 117, Subchapter B	Maximum Rated Capacity is less than 40 MMBTU/HR.
E-01-443	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
E-01-843	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-01-942A	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-01-942B	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-01-943A	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion units use gaseous fuels only.
E-01-943A	N/A	30 TAC Chapter 117, Subchapter B	Source constructed after November 15, 1992
E-01-BH15	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-01-BH15	N/A	40 CFR Part 60, Subpart D	All power plant boilers were built prior to August 17, 1971, and there has been no modification or reconstruction since completion of the initial construction.
E-01-BH15	N/A	40 CFR Part 60, Subpart Da	Equipment is not an electric utility steam generating unit.
E-01-BH15	N/A	40 CFR Part 60, Subpart Db	All power plant boilers were built prior to June 19, 1984, and there has been no modification or reconstruction since completion of the initial construction.
E-01-BLR	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992 and is not a functionally identical replacement for an existing unit.
E-02-1241	N/A	40 CFR Part 60, Subpart J	Process heater was constructed, reconstructed or modified before June 11, 1973.
E-02-1344A	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-02-146	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-02-843	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
E-02-943	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion units use gaseous fuels only.
E-02-943	N/A	30 TAC Chapter 117, Subchapter B	Source constructed after November 15, 1992
E-02-BH15	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-02-BH15	N/A	40 CFR Part 60, Subpart D	All power plant boilers were built prior to August 17, 1971, and there has been no modification or reconstruction since completion of the initial construction.
E-02-BH15	N/A	40 CFR Part 60, Subpart Da	Equipment is not an electric utility steam generating unit.
E-02-BH15	N/A	40 CFR Part 60, Subpart Db	All power plant boilers were built prior to June 19, 1984, and there has been no modification or reconstruction since completion of the initial construction.
E-03-1344A	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-03-843	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-03-BH15	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-03-BH15	N/A	40 CFR Part 60, Subpart D	All power plant boilers were built prior to August 17, 1971, and there has been no modification or reconstruction since completion of the initial construction.
E-03-BH15	N/A	40 CFR Part 60, Subpart Da	Equipment is not an electric utility steam generating unit.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
E-03-BH15	N/A	40 CFR Part 60, Subpart Db	All power plant boilers were built prior to June 19, 1984, and there has been no modification or reconstruction since completion of the initial construction.
E-05-FLARE	N/A	40 CFR Part 60, Subpart J	Flare was constructed, reconstructed or modified before June 11, 1973.
E-05-SCOT	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion unit not being used as a control device for any vent gas stream subject to Chapter 115, Division 2.
E-06-843A	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-06-843A	N/A	40 CFR Part 60, Subpart Ja	Process heater is not a fuel gas combustion device because it does not combust fuel gas.
E-06-843B	N/A	30 TAC Chapter 112, Sulfur Compounds	Combustion unit burns gaseous fuels only.
E-06-843B	N/A	40 CFR Part 60, Subpart Ja	Process heater is not a fuel gas combustion device because it does not combust fuel gas.
E-BERTH1-1	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	All loading and unloading of marine vessels in ozone nonattainment areas other than the Houston/Galveston area are exempt from this division.
E-BERTH1-2	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	All loading and unloading of marine vessels in ozone nonattainment areas other than the Houston/Galveston area are exempt from this division.
E-BERTH2-5	N/A	30 TAC Chapter 115, Loading and Unloading	All loading and unloading of marine vessels in

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
		of VOC	ozone nonattainment areas other than the Houston/Galveston area are exempt from this division.
E-BERTH2-6	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	All loading and unloading of marine vessels in ozone nonattainment areas other than the Houston/Galveston area are exempt from this division.
E-BERTH3-7	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	All loading and unloading of marine vessels in ozone nonattainment areas other than the Houston/Galveston area are exempt from this division.
E-BERTH3-8	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	All loading and unloading of marine vessels in ozone nonattainment areas other than the Houston/Galveston area are exempt from this division.
E-BERTH5-11	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	All loading and unloading of marine vessels in ozone nonattainment areas other than the Houston/Galveston area are exempt from this division.
E-BERTH5-11	N/A	40 CFR Part 61, Subpart BB	Unit does not load benzene.
E-BERTH5-11	N/A	40 CFR Part 63, Subpart Y	Berth does not load a commodity with vapor pressure greater than 10 kPa (1.5 psia) at standard conditions.
E-BERTH6-14	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	All loading and unloading of marine vessels in ozone nonattainment areas other than the Houston/Galveston area are exempt from this division.
E-BERTH6-14	N/A	40 CFR Part 61, Subpart BB	Unit does not load benzene.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
E-BERTH6-14	N/A	40 CFR Part 63, Subpart Y	Berth does not load a commodity with vapor pressure greater than 10 kPa (1.5 psia) at standard conditions.
E-CSV-843	N/A	40 CFR Part 60, Subpart Ja	Delayed coking unit commenced construction prior to 5/14/2007, and has not been reconstructed or modified since.
E-CT-432	N/A	40 CFR Part 63, Subpart Q	Cooling tower does not operate with chromium-based water treatment chemicals.
E-CT-446	N/A	40 CFR Part 63, Subpart Q	Cooling tower does not operate with chromium-based water treatment chemicals.
F-DOCKS	N/A	40 CFR Part 61, Subpart J	Equipment leaks subject to both 40 CFR Part 63, Subpart CC, and 40 CFR Part 61, Subpart J, are required to comply only with the provisions of 40 CFR Part 63, Subpart CC.
F-DOCKS	N/A	40 CFR Part 61, Subpart V	Equipment leaks subject to both 40 CFR Part 63, Subpart CC, and 40 CFR Part 61, Subpart V, are required to comply only with the provisions of 40 CFR Part 63, Subpart CC.
F-T-L6002	N/A	40 CFR Part 60, Subpart Kb	Tanks have a capacity less than 75 cubic meters.
GRP-C8456	T-133, T-889	40 CFR Part 60, Subpart Ka	Storage vessels are storing a petroleum liquid with a Reid vapor pressure of less than 1.0 psia, and the maximum true vapor pressure does not exceed 1.0 psia.
GRPCOOL	E-CT-100, E-CT-101, E-CT-136A, E-CT-136B, E-CT-233, E-CT-244, E-CT-316, E-CT-354, E-CT-360, E-CT-363, E-CT-366, E-CT-433	40 CFR Part 63, Subpart Q	Unit is not operated with chromium-based water treatment chemicals.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRPGFIFRMS	T-1848, T-1849	40 CFR Part 60, Subpart K	Storage vessel was constructed before June 11, 1973.
GRPKVOC	T-2182, T-2183	40 CFR Part 60, Subpart K	Stores petroleum liquid with a Reid vapor pressure less than 1.0 psia and a maximum TVP less than or equal to 1.0 psia.
PRO-WWTU	N/A	30 TAC Chapter 115, Industrial Wastewater	Petroleum refineries in the Beaumont/Port Arthur area are exempt from the requirements of this division.
PRO-WWTU	N/A	40 CFR Part 63, Subpart DD	Plant does not receive off-site material
PRO-WWTU	N/A	40 CFR Part 63, Subpart F	The facility does not manufacture as a primary product any of the chemicals listed in paragraphs (b)(1)(i) or (b)(1)(ii) of this section.
RTO	N/A	40 CFR Part 60, Subpart J	Combusts purchased natural gas
T-108R	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity greater than or equal to 151 cubic meter and stores a liquid with maximum true vapor pressure less than 3.5 kPa (0.5 psia).
T-109	N/A	40 CFR Part 60, Subpart K	Stores petroleum liquid with a Reid vapor pressure less than 1.0 psia and a maximum TVP less than or equal to 1.0 psia.
T-1241LUBE	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel has a capacity less than 1,000 gallons.
T-1241LUBE	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity less than 75 cubic meter.
T-134	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity greater than or equal to 151 cubic meter and stores a liquid with

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			maximum true vapor pressure less than 3.5 kPa (0.5 psia).
T-147EXCAL	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity less than 75 cubic meter.
T-1850	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity greater than or equal to 151 cubic meter and stores a liquid with maximum true vapor pressure less than 3.5 kPa (0.5 psia).
T-2105	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed before June 11, 1973.
T-2106	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity greater than or equal to 151 cubic meter and stores a liquid with maximum true vapor pressure less than 3.5 kPa (0.5 psia).
T-2113	N/A	40 CFR Part 60, Subpart K	Stores petroleum liquid with a Reid vapor pressure less than 1.0 psia and a maximum TVP less than or equal to 1.0 psia.
T-2162	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed before June 11, 1973.
T-2163	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed before June 11, 1973.
T-2164	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed before June 11, 1973.
T-2186	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity greater than or equal to 151 cubic meter and stores a liquid with maximum true vapor pressure less than 3.5 kPa (0.5 psia).

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
T-5002	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel does not store VOC.
T-5002	N/A	40 CFR Part 60, Subpart Kb	Storage vessel does not store VOL.
T-5002	N/A	40 CFR Part 63, Subpart CC	Storage vessel does not emit or contain a hazardous air pollutant (HAP).
T-5003	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel does not store VOC
T-5003	N/A	40 CFR Part 60, Subpart Kb	Storage vessel does not store VOL.
T-5003	N/A	40 CFR Part 63, Subpart CC	Storage vessel does not emit or contain a hazardous air pollutant (HAP).
T-8002	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel does not store volatile organic compounds.
T-8002	N/A	40 CFR Part 60, Subpart Kb	Storage vessel constructed after July 23, 1984, not storing volatile organic liquid.
T-8002	N/A	40 CFR Part 63, Subpart CC	Storage vessel does not emit or contain a hazardous air pollutant listed on Table 1.
T-82	N/A	40 CFR Part 60, Subpart K	Storage vessel was constructed before June 11, 1973.

New Source Review Authorization References

New Source Review Authorization References	520
New Source Review Authorization References by Emission Unit	522

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: GHGPSDTX167M1	Issuance Date: 01/30/2026
PSD Permit No.: PSDTX49M2	Issuance Date: 01/30/2026
Nonattainment (NA) Permits	
NA Permit No.: N65	Issuance Date: 01/30/2026
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 6825A	Issuance Date: 01/30/2026
Authorization No.: 158399	Issuance Date: 05/06/2022
Authorization No.: 174426	Issuance Date: 11/02/2023
Authorization No.: 174427	Issuance Date: 10/31/2023
Authorization No.: 177202	Issuance Date: 08/29/2024
Authorization No.: 179397	Issuance Date: 03/19/2025
Authorization No.: 180663	Issuance Date: 07/22/2025
Authorization No.: 181262	Issuance Date: 09/04/2025
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 5	Version No./Date: 08/30/1988
Number: 61	Version No./Date: 07/20/1992
Number: 68	Version No./Date: 07/20/1992
Number: 86	Version No./Date: 11/25/1985
Number: 88	Version No./Date: 07/20/1992
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001
Number: 106.532	Version No./Date: 09/04/2000
Number: 124	Version No./Date: 05/12/1981

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Number: 124	Version No./Date: 09/23/1982
Number: 125	Version No./Date: 09/23/1982

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
443-VENT-1	443 STATIONARY PROCESS VENT 1	6825A, GHGPSDTX167M1, PSDTX49M2, N65
443-VENT-10	443 STATIONARY PROCESS VENT 10	6825A, GHGPSDTX167M1, PSDTX49M2, N65
443-VENT-2	443 STATIONARY PROCESS VENT 2	6825A, GHGPSDTX167M1, PSDTX49M2, N65
443-VENT-3	443 STATIONARY PROCESS VENT 3	6825A, GHGPSDTX167M1, PSDTX49M2, N65
443-VENT-4	443 STATIONARY PROCESS VENT 4	6825A, GHGPSDTX167M1, PSDTX49M2, N65
443-VENT-5	443 STATIONARY PROCESS VENT 5	6825A, GHGPSDTX167M1, PSDTX49M2, N65
443-VENT-6	443 STATIONARY PROCESS VENT 6	6825A, GHGPSDTX167M1, PSDTX49M2, N65
443-VENT-7	443 STATIONARY PROCESS VENT 7	6825A, GHGPSDTX167M1, PSDTX49M2, N65
443-VENT-8	443 STATIONARY PROCESS VENT 8	6825A, GHGPSDTX167M1, PSDTX49M2, N65
443-VENT-9	443 STATIONARY PROCESS VENT 9	6825A, GHGPSDTX167M1, PSDTX49M2, N65
834-VENT	MERICHEM OFFGAS VENT TO KO DRUM H-030	6825A, GHGPSDTX167M1, PSDTX49M2, N65
C-PROPANETEST	ASTM D2713 PROPANE TESTING	106.261/11/01/2003 [167168]
C-RCVENT	BUTANE RAILCAR LOADING	6825A, GHGPSDTX167M1, PSDTX49M2, N65
CARBON-1	NESHAPS FF SUMP CONTROL 1	6825A, GHGPSDTX167M1, PSDTX49M2, N65
CARBON-2	NESHAPS FF SUMP CONTROL 2	6825A, GHGPSDTX167M1, PSDTX49M2, N65
CAUSTICLD	SPENT CAUSTIC LOADING	106.472/09/04/2000
CVS844	DCU 844 COKER VENT	6825A, GHGPSDTX167M1, PSDTX49M2, N65
DCU-844H1	DCU 844 COKER FURNACE #1	6825A, GHGPSDTX167M1, PSDTX49M2, N65
DCU-844H2	DCU 844 COKER FURNACE #2	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-1241	HEATER 1241-B103A	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-1344	HEATER 1344-H1ABC	6825A, GHGPSDTX167M1, PSDTX49M2, N65

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
E-01-146	HEATER 146-H101	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-147	HEATER 147-F1100	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-241	HEATER 241-B101AB	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.263/11/01/2001
E-01-242	HEATER-242-B201AB	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.263/11/01/2001
E-01-243	HEATER 243-B301	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.263/11/01/2001
E-01-244A	HEATER 244-F101	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.263/11/01/2001
E-01-244B	HEATER 244-F102	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.263/11/01/2001
E-01-245	HEATER 245-H3100	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.263/11/01/2001
E-01-246	HEATER 246-F3000	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.263/11/01/2001
E-01-443	HEATER 443-H1	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-843	HEATER 843-F1000	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-942A	HEATER 942-F1000	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-942B	HEATER 942-F2000	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-942C	HEATER 942-F1300	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-943A	HEATER 943-F1	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-943B	HEATER 943-F2	6825A, GHGPSDTX167M1, PSDTX49M2, N65

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
E-01-BH15	BOILER 41	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-BLR	STEAM BOILER	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-SCOT	SRU 543 AND F-103 INCINERATOR	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-01-WGSA	FCCU REACTOR/REGENERATOR (CONTROL IS FCCU WGS)	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-02-1241	HEATER 1241-B103B	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-02-1344A	HEATER 1344-H31	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-02-1344B	HEATER 1344-H33	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-02-146	HEATER 146-H102AB	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-02-147	HEATER 147-F1200	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-02-843	HEATER 843-F2000	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-02-943	HEATER 943-F3	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-02-BH15	BOILER 42	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-02-SCOT	SRU 544 AND F-402B INCINERATOR	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-03-1344A	HEATER 1344-H2	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-03-1344B	HEATER 1344-H3	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-03-1344C	HEATER 1344-H32	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-03-843	HEATER 843-F3000	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-03-BH15	BOILER 43	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-03-SCOT	SRU 545 AND H-9003 INCINERATOR	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-04-SCOT	SRU 546 AND H-9503 INCINERATOR	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-05-FLARE	NORTH SRU FLARE 5	6825A, 174426, GHGPSDTX167M1, PSDTX49M2,

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
		N65
E-05-SCOT	SRU 547 AND ASSOCIATED INCINERATOR STACK	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-06-843A	COKER CHARGE TANK HEATER 1	158399
E-06-843B	COKER CHARGE TANK HEATER 2	158399
E-103B-FLARE	COMPLEX 2 FLARE 103B	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-13-FLARE	HFAU 443 FLARE 13	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-15-FLARE	COMPLEX 2 FLARE 15	6825A, 179397, GHGPSDTX167M1, PSDTX49M2, N65
E-18-FLARE	COMPLEX 2 FLARE 18	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-19-FLARE	COMPLEX 1 FLARE 19	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-20-FLARE	COMPLEX 2 FLARE 20	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-22-FLARE	COMPLEX 1 FLARE 22	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-23-FLARE	COMPLEX 3 FLARE 23	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-26-FLARE	COMPLEX 6 FLARE-26	6825A, 174427, GHGPSDTX167M1, PSDTX49M2, N65
E-BERTH0-0	MARINE LOADING EMISSIONS - BERTH 0	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-BERTH1-1	MARINE LOADING EMISSIONS - BERTH 1	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-BERTH1-2	MARINE LOADING EMISSIONS - BERTH 1	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-BERTH2-5	MARINE LOADING EMISSIONS - BERTH 2	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-BERTH2-6	MARINE LOADING EMISSIONS - BERTH 2	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-BERTH3-7	MARINE LOADING EMISSIONS - BERTH 3	6825A, GHGPSDTX167M1, PSDTX49M2, N65

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
E-BERTH3-8	MARINE LOADING EMISSIONS - BERTH 3	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-BERTH5-11	MARINE LOADING EMISSIONS - BERTH 5	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-BERTH5-12	MARINE LOADING EMISSIONS - BERTH 5	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-BERTH6-14	MARINE LOADING EMISSIONS - BERTH 6	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-BERTH6-15	MARINE LOADING EMISSIONS - BERTH 6	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-CSV-843	COKER STEAM VENT 843	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-CT-100	241/241 COOLING TOWER 100	106.371/09/04/2000 [181181]
E-CT-101	243 COOLING TOWER 101	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.371/09/04/2000
E-CT-136A	1241 COOLING TOWER 136A	6825A, 177202, GHGPSDTX167M1, PSDTX49M2, N65
E-CT-136B	1241 COOLING TOWER 136B	6825A, 180663, GHGPSDTX167M1, PSDTX49M2, N65
E-CT-233	243 COOLING TOWER 233	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.371/09/04/2000
E-CT-244	443 COOLING TOWER 244	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.371/09/04/2000
E-CT-316	BH15 COOLING TOWER 316	6825A, 181262, GHGPSDTX167M1, PSDTX49M2, N65
E-CT-354	543 COOLING TOWER 354	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.371/09/04/2000
E-CT-360	1344 COOLING TOWER 360	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.371/09/04/2000
E-CT-363	245 COOLING TOWER 363	6825A, GHGPSDTX167M1, PSDTX49M2, N65,

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
		106.371/09/04/2000
E-CT-366	146 COOLING TOWER 366	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-CT-432	COOLING TOWER 432	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-CT-433	147/246/546 COOLING TOWER 433	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-CT-446	943/7945 COOLING TOWER 446	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-CT-601U	COOLING TOWER 601U	106.371/09/04/2000
E-CT-N1	COOLING TOWER N1	106.371/09/04/2000
E-MERICHEM	MERICHEM FLARE	6825A, GHGPSDTX167M1, PSDTX49M2, N65
E-V54	CCR V54 REGENERATION VENT	6825A, GHGPSDTX167M1, PSDTX49M2, N65
ENG-138PS	SRTF 138 PS ENGINE	106.512/06/13/2001
ENG-15PS	STORMWATER BACKUP PUMP	5/08/30/1988
ENG-443N	EMERGENCY HF RELEASE WATER SUPPLY	106.511/09/04/2000
ENG-443S	EMERGENCY HF RELEASE WATER SUPPLY	106.511/09/04/2000
ENG-480PS1	480 PUMP STATION ENGINE 1	106.511/09/04/2000
ENG-480PS2	480 PUMP STATION ENGINE 2	106.511/09/04/2000
ENG-70AC1	70 AC STATION ENGINE 1	106.511/09/04/2000
ENG-70AC2	PLANT AIR BACKUP	106.511/09/04/2000
ENG-70AC3	PLANT AIR BACKUP	106.511/09/04/2000
ENG-843S	COKER MAZE CLEANING - SOUTH	106.511/09/04/2000
ENG-942-1	942-HCU ENGINE NO. 1	106.512/06/13/2001
ENG-942-2	942-HCU ENGINE NO. 2	106.512/06/13/2001

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
ENG-ADMN	ADMINISTRATION BLDG GENERATOR	106.511/09/04/2000
ENG-CNTSHP	CENTRAL SHOP ENGINE	106.511/09/04/2000
ENG-NSRU1	NSRU STORMWATER PUMP NO. 1	106.512/06/13/2001
ENG-PS243 WWTU	WWTU PS-243 ENGINE	106.512/06/13/2001 [156162]
ENG-PS452 WWTU	WWTU PS-452 ENGINE	106.512/06/13/2001 [156162]
ENG-T283	STF 283 TANK ENGINE	106.512/06/13/2001
ENG-T99100	NTF TK100 & TK99 ENGINE	106.512/06/13/2001
ENG-TRCTHW	WWTU 8742 TRACT H WEST ENGINE	106.512/06/13/2001
F-1241	FCCU 1241 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-1242	SGRU 1242 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-1344	CRU 1344 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921], 106.262/11/01/2003 [175921]
F-146	AVU 146 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [179699], 106.262/11/01/2003 [179699]
F-147	AVU-147 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-15BH	BH 15 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
F-1747	RSU-1747 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-241	GFU 241 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-242	GFU 242 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-243	GFU 243 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-244	GFU 244 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-245	GHU-245 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-246	DHT-246 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-443	HFAU-443 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-543/4	SRU-543/4 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-545	SRU 545 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699],

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
		106.262/11/01/2003 [175921, 179699]
F-546	SRU-546 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-547	SRU-547 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-6341	LHSU-6341 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-7042	FGRU-7042 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-7043	FGRU-7043 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921], 106.262/11/01/2003 [175921]
F-7044	FGRU-7044 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [179699], 106.262/11/01/2003 [179699]
F-7542	MRU-7542 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [179699], 106.262/11/01/2003 [179699]
F-7841	ATU-7841 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [179699], 106.262/11/01/2003 [179699]
F-7842	ATU-7842 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921], 106.262/11/01/2003 [175921]
F-7843	ATU-7843 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-7848	ATU 7848 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
F-7945	SGRU-7945 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-843	DCU-843 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-844	DCU 844 COKER FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-8741	WORU-8741 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-8742	WWTU 8742 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 61/07/20/1992, 68/07/20/1992, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-8746	SWS-8746 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-8747	SWS-8747 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-8748	SWS-8748	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-8748-SWS	SOUR WATER STRIPPER 8748	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921], 106.262/11/01/2003 [175921]
F-8844	BRLU-8844 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-942	HCU 942 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-943	HCU-943 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699],

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
		106.262/11/01/2003 [175921, 179699]
F-943-SCR	HCU-943 AMMONIA STORAGE AND PIPING	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-AUCT	ALKYLATION UNIT/COOLING TOWER (AUCT) AREA FUGITIVE	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-DOCKS	DOCKS FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-FUELSTAT	FUELING STATION FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65
F-PH138	PH138 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [179699], 106.262/11/01/2003 [179699]
F-PH163	PUMP HOUSE 163 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175101, 175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-PH41	PUMP HOUSE 41 FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921, 179699], 106.262/11/01/2003 [175921, 179699]
F-SRTF	SRTF FUGITIVE	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [173749, 175921, 179699], 106.262/11/01/2003 [175921, 179699], 106.472/09/04/2000 [147703]
F-T-L1010	API SEPARATOR AT WWTU 8742	61/07/20/1992, 68/07/20/1992
F-T-L1020	API SEPARATOR AT WWTU 8742	61/07/20/1992, 68/07/20/1992
F-T-L1030	API SEPARATOR AT WWTU 8742	61/07/20/1992, 68/07/20/1992
F-T-L1110	API EFFLUENT TANK	61/07/20/1992, 68/07/20/1992
F-T-L1120	API EFFLUENT TANK	61/07/20/1992, 68/07/20/1992

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
F-T-L1210	API RECOVERED SKIM OIL TRANSFER TANK	61/07/20/1992, 68/07/20/1992
F-T-L1310	API RECOVERED SKIM OIL TRANSFER TANK	61/07/20/1992, 68/07/20/1992
F-T-L1410	API SLUDGE TANK	61/07/20/1992, 68/07/20/1992
F-T-L2010	EQUALIZATION TANK FROM API EFFLUENT	61/07/20/1992, 68/07/20/1992
F-T-L3010	WASTEWATER FLOCCULATION UNITS-FIXED ROOF TANKS	61/07/20/1992, 68/07/20/1992
F-T-L3110	DISSOLVED NITROGEN FLOTATION UNITS-FIXED ROOF TANK	61/07/20/1992, 68/07/20/1992
F-T-L3120	DISSOLVED NITROGEN FLOTATION UNITS-FIXED ROOF TANK	61/07/20/1992, 68/07/20/1992
F-T-L3210	DNF FLOAT TANK	61/07/20/1992, 68/07/20/1992
F-T-L3310	DNF EFFLUENT TANK	61/07/20/1992, 68/07/20/1992
F-T-L3320	DNF EFFLUENT TANK	61/07/20/1992, 68/07/20/1992
F-T-L5010	ACTIVATED SLUDGE W/DIFFUSED AERATION FIXED ROOF TK	61/07/20/1992, 68/07/20/1992
F-T-L5020	ACTIVATED SLUDGE W/DIFFUSED AERATION FIXED ROOF TK	61/07/20/1992, 68/07/20/1992
F-T-L6002	TANK	61/07/20/1992, 68/07/20/1992
F-T-L6010	WASTEWATER TANK	61/07/20/1992, 68/07/20/1992
F-T-L6020	WASTEWATER TANK	61/07/20/1992, 68/07/20/1992
F-T-L6110	WASTEWATER TANK	61/07/20/1992, 68/07/20/1992
F-T-L7010	WASTEWATER TANK	61/07/20/1992, 68/07/20/1992
F-T-L8010	TANK	61/07/20/1992, 68/07/20/1992
F-UTILITIES	UTILITIES FUGITIVES	6825A, GHGPSDTX167M1, PSDTX49M2, N65, 106.261/11/01/2003 [175921], 106.262/11/01/2003 [175921]

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
F-VLP-843	VLP 843 FUGITIVES	158399
F-VLP-PH163	VLP PH163 FUGITIVES	158399
F-VLP-PH41	VLP PH41 FUGITIVES	158399
F-VLP-SRTF	VLP SRTF FUGITIVES	158399
FF-1241-1	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-1241-2	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-1242	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-1344	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-146	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-147	PROCESS WASTEWATER SUMP CONTROL	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-241	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-244	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-246	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-443-1	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-443-2	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-84PH	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-CCS	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-D-108	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-DOCKS-1	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-DOCKS-2	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-DOCKS-3	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
FF-DOCKS-4	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-DOCKS-5	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-DOCKS-6	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-GHU-245	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-KELAB	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-LAB	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-1215	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-162	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-1650	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-236	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-274	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-3650	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-402	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-403	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-404	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-405	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-406	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-427	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-434	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-435	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-436	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
FF-PS-439	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-441	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-449	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-451	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-457	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-4600	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-475	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-476	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-6400	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-PS-J-8	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-SC-1907	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-TETRA-1	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-TETRA-2	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-TK-8010	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-WORU	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FF-WWTU	CLOSED VENT SYSTEM	6825A, GHGPSDTX167M1, PSDTX49M2, N65
FS-PS473	FUELING STATION 473	106.412/09/04/2000
L-8000	APS CLARIFIER TANK 8000	106.532/09/04/2000
L-8020	APS CLARIFIER TANK 8020	106.532/09/04/2000
PRO-WWTU	WASTEWATER TREATMENT UNIT 8742	61/07/20/1992, 68/07/20/1992
PW-LVP-1	CENTRAL SHOP LOW TVP PARTS WASHER 1	125/09/23/1982

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PW-LVP-2	CENTRAL SHOP LOW TVP PARTS WASHER 2	125/09/23/1982
PW-LVP-3	CENTRAL SHOP LOW TVP PARTS WASHER 3	125/09/23/1982
PW-LVP-4	CENTRAL SHOP LOW TVP PARTS WASHER 4	125/09/23/1982
PW-LVP-5	CENTRAL SHOP LOW TVP PARTS WASHER 5	125/09/23/1982
RTO	WWTU-8742 REGENERATIVE THERMAL OXIDIZER	88/07/20/1992
T-100	TANK 100	158399
T-1001	TANK 1001	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-103	TANK 103	158399
T-106	TANK 106	158399, 106.261/11/01/2003 [158672], 106.478/09/04/2000 [158672]
T-107	TANK 107	158399, 106.261/11/01/2003 [158672], 106.478/09/04/2000 [158672]
T-108R	TANK 108	106.472/09/04/2000
T-109	TANK 109	158399
T-110	TANK 110	158399, 106.261/11/01/2003 [158672], 106.478/09/04/2000 [158672]
T-111	TANK 111	158399, 106.261/11/01/2003 [158672], 106.478/09/04/2000 [158672]
T-112	CRUDE TANK 112	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-113	CRUDE TANK 113	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-114	CRUDE TANK 114	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-1241LUBE	1241 LUBE OIL TANK	106.472/09/04/2000

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
T-133	TANK 133	158399
T-134	TANK 134	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-147EXCAL	AVU 147 EXCALIBUR 7760 ADDITIVE TANK	106.473/09/04/2000
T-151	TANK 151	158399
T-1790	DNF FLOATS MLE TANK	61/07/20/1992, 68/07/20/1992
T-1791	DNF FLOATS MLE TANK	61/07/20/1992, 68/07/20/1992
T-1848	TANK 1848	158399
T-1849	TANK 1849	158399
T-1850	TANK 1850	158399
T-1912	TANK 1912	124/05/12/1981
T-2101	TANK 2101	158399
T-2105	TANK 2105	158399, 106.261/11/01/2003 [171934]
T-2106	TANK 2106	106.263/11/01/2001 [147703], 106.472/09/04/2000 [147703]
T-2110	TANK 2110	158399
T-2111	TANK 2111	158399
T-2112R	TANK 2112R	106.478/09/04/2000 [159332]
T-2113	TANK 2113	158399
T-2117	TANK 2117	158399
T-2132	TANK 2132	158399
T-2133	TANK 2133	158399

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
T-2137	TANK 2137	158399
T-2145	TANK 2145	158399
T-2148	TANK 2148	158399
T-2159	TANK 2159	158399
T-2160	TANK 2160	158399
T-2161	TANK 2161	158399
T-2162	TANK 2162	158399
T-2163	TANK 2163	158399
T-2164	TANK 2164	158399
T-2182	TANK 2182	158399
T-2183	TANK 2183	158399
T-2186	TANK 2186	158399
T-2400	SPENT CAUSTIC TANK T-2400	106.472/09/04/2000
T-2401	TANK 2401	86/11/25/1985
T-2588	TANK 2588	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-2590R	TANK 2590R	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-283	TANK 283	158399, 106.261/11/01/2003 [158672], 106.478/09/04/2000 [158672]
T-284	TANK 284	158399, 106.261/11/01/2003 [158672], 106.478/09/04/2000 [158672]
T-285	TANK 285	158399

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
T-2900	TANK 2900	158399
T-37	844 FEED TANK 37	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-5	TANK 5	158399
T-5002	SPENT AMINE STORAGE TANK 5002	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-5003	FRESH AMINE STORAGE TANK 5003	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-546-1	TANK 546-1	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-546-2	TANK 546-2	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-77	TANK 77	158399
T-78	TANK 78	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-7842-1	TANK 7842-1	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-7842-2	TANK 7842-2	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-8002	SULFUR TANK	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-8010	COKER 843 SLUDGE TANK	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-8020	APS CLARIFIER TANK 8020	106.532/09/04/2000
T-8070	APS CLARIFIER TANK 8070	106.532/09/04/2000
T-82	TANK 82	158399
T-8400	COKER 844 SLUDGE TANK	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-88	TANK 88	6825A, GHGPSDTX167M1, PSDTX49M2, N65
T-889	TANK 889	158399
T-896	TANK 896	158399
T-925	TANK 925	158399

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
T-926	TANK 926	158399
T-938	TANK 938	106.472/09/04/2000
T-99	TANK 99	158399
T-PS473	TANK PS473 GASOLINE	106.473/09/04/2000
T-PS473D	TANK PS473 DIESEL	106.473/09/04/2000
TK-8045	SLOP OIL TANK	106.472/09/04/2000
TK-SRLUBE1	SOUR LUBE OIL TANK 1	106.262/11/01/2003 [161890], 106.472/09/04/2000 [161890]
TK-SRLUBE2	SOUR LUBE OIL TANK 2	106.262/11/01/2003 [161890], 106.472/09/04/2000 [161890]
UNLOAD-FATS	FATS CONTAMINATED STORMWATER TRUCK UNLOADING.	6825A, GHGPSDTX167M1, PSDTX49M2, N65
VACUUM	VACUUM PRODUCING SYSTEMS	124/09/23/1982

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Alternative Requirement

Alternative Requirement..... 543



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

JUN 20 2014

STATE - NSR
RECEIVED

JUN 26 2014

TCEQ-Region 10
Beaumont

Paula LaRocca, Manager Environmental Engineering
Valero Port Arthur Refinery, Complex E
P.O. Box 909
Port Arthur, TX 77614-0909

Re: Request for Approval - Alternative Monitoring Plan (AMP)
Valero Port Arthur Refinery *R-1025841026*
Fluid Catalytic Cracking Unit
Wet Gas Scrubber Opacity Interference
NSPS Part 60, Subparts J and A
NESHAP Part 63, Subparts UUU and A
Consent Decree No. SA-05-CA-0569

Dear Mr. Hopper:

This letter is in response to Valero Port Arthur Refinery's letter dated January 23, 2009, requesting approval of an Alternative Monitoring Plan (AMP) pursuant to the Valero Consent Decree (Civil Action No. SA-05-CA-0569), New Source Performance Standards (NSPS) for Petroleum Refineries (Subpart J), and National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories, Petroleum Refineries (Subpart UUU). The AMP proposes wet gas scrubber (WGS) process parameter monitoring as an alternative to a Continuous Opacity Monitoring System (COMS) for Valero Port Arthur Refinery's Fluid Catalytic Cracking Unit (FCCU) regenerator stack, due to moisture interference in the stack. Based upon the particular design of your WGS unit, process specific information, and performance test data provided for the FCCU WGS, the United States Environmental Protection Agency (EPA) approves your AMP for the FCCU WGS, as delineated within this letter. However, EPA Region 6 does not approve adjusting the WGS operating parameter limits (OPLs) to 70 percent of the operating parameter values that were measured during performance. Instead, the OPLs must be based on the operating parameter values established from the performance test.

The AMP request, emails from Robert Hill of your staff, and performance test results from October 9, 10, and 11, 2012, provided by email on May 17, 2013, were used to establish acceptable WGS OPLs. EPA approves the following OPLs, based on three-hour rolling averages:

- Minimum Liquid-to-Gas (L/G) Ratio of 0.057: The total liquid flow rate divided by the total gas flow rate in the scrubber. The L value will be in gallons per minute and the G value will be in dry standard cubic feet per minute (dscfm).
- Minimum differential pressure across the quench tower scrubber of 7.6 inches of water.
- Maximum agglomeration-filtering modules (AFM) recirculation pump (P-0002) discharge pressure of 102.9 pounds per square inch gauge (psig).

Valero Port Arthur Refinery will calculate hourly averages for L using either discharge pressure data and pump curve diagrams, or flow monitors, for each operating pump that provides liquid flow to any portion of the wet gas scrubber. Valero Port Arthur Refinery will calculate hourly averages for G using the result of the Qr calculation from 40 CFR §63.1573(a)(2), which is an allowable alternative to

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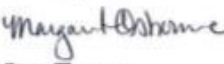
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Request for Approval - Alternative Monitoring Plan (AMP)
Valero Port Arthur Refinery
Fluid Catalytic Cracking Unit
Wet Gas Scrubber Opacity Interference
Page 2

directly measuring the gas flow rate. The main air blower flow rate data (Q_a) will be converted to dscfm for the regenerator gas flow rate calculation using contemporaneous ambient humidity data.

This AMP approval should be referenced and attached to the facility's New Source Review (NSR) and Title V permits for federal enforceability. An excess emissions deviation shall be reported and recorded for each one-hour period in which the three-hour rolling average of one or more of the OPLs listed above exceeds a maximum value, or is less than a minimum value. OPLs may be updated if any conditions under which this AMP was approved have changed, by requesting an AMP modification with submittal of performance test results that demonstrate compliance. If you have any questions about this AMP request response, please contact Charles Handrich of my staff at (214) 665-6553.

Sincerely,


for Steve Thompson
Associate Director
Air, Toxics & Inspection
Coordination Branch

cc: Kathryn Saucedo, Region 10, Texas Commission on Environmental Quality (TCEQ)
Michael De La Cruz, Office of Compliance and Enforcement, TCEQ
Frank Burleson, Office of Compliance and Enforcement, TCEQ

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 20, 2018

MS PAULA LARocca
MANAGER ENVIRONMENTAL ENGINEERING
THE PREMCOR REFINING GROUP INC.
P O BOX 909
PORT ARTHUR TX 77641-0909

Re: Alternative Method of Compliance (AMOC) No. 123
Port Arthur Refinery
Alternate Monitoring for Waste Stream to Flare
Regulated Entity Number: RN102584026
Customer Reference Number: CN601420748
Associated Permit Numbers: 6825A and O1498

Dear Ms. LaRocca:

This correspondence is in response to The Premcor Refining Group Inc.'s, a Valero Company (Valero's) request for alternate monitoring for a waste stream to Flare 23 at the Port Arthur Refinery and use an AMOC to comply with 40 CFR 63, Subpart CC—National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (Refinery MACT).

We understand that Valero is requesting an exemption from monitoring the net heating value (NHV) of the Delayed Coker Unit 843 (DCU-843) Oxidation Tower Offgas Line to Flare 23 because of the corrosive composition of the waste stream, tendency to plug lines, and risk for workers or contractors to sample the stream. The offgas of DCU-843 has two natural gas streams added downstream and this combination of dedicated piping is routed directly to the flare tip. These three streams have individual, dedicated flow meters. The combination of these streams are not able to be added to the Flare Gas Recovery Unit or the main flare line because of the corrosive composition. Valero is proposing to use a constant NHV for the offgas stream as a conservatively low value. The stream is consistent in flow and composition and is primarily air, so a very conservative heating value of 0 Btu/scf is used. The 2 streams added to the air offgas stream are natural gas and are assumed at 920 Btu/scf.

The Texas Commission on Environmental Quality (TCEQ) Executive Director has made a final decision to approve your AMOC request. The TCEQ has been delegated authority to enforce the above cited standards and is authorized to approve this AMOC. You are reminded that approval of any AMOC shall not abrogate the Executive Director or Administrator's authority under the Act or in any way prohibit later canceling the AMOC. By copy of this letter we are informing the Environmental Protection Agency, Region 6, of this decision as required by TCEQ's delegation of authority.

This AMOC approval may supersede certain requirements or representations in Permit No. 6825A. To ensure effective and consistent enforceability, we request that Valero incorporate this AMOC into the permit(s) through submittal of alteration(s) no later than 90 days after this approval.

This approval may also change applicable requirements for the site, which are identified in the site operating permit (SOP) O1498. The TCEQ recommends the submittal of a SOP administrative revision if any changes are necessary. Changes meeting the criteria for an administrative revision can be operated

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November 20, 2018
Page 2
Ms. Paula LaRocca

Re: AMOC 123, Permit Numbers: 6825A and O1498

before issuance of the revision if a complete application is submitted to the TCEQ and this information is maintained with the SOP records at the site.

If you need further information or have any questions, please contact Ms. Anne Inman, P.E. at (512) 239-1276 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Wilson".

Michael Wilson, P.E., Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

cc: Air Permits Section Chief, New Source Review Section (6PD-R), U.S. Environmental Protection
Agency, Region 6, Dallas
Air Section Manager, Region 10 - Beaumont
Sam Short, Manager, Energy Section, Air Permits Division, OA: MC-163
Jesse Chacon, Manager, Operating Permits Section, Air Permits Division, OA: MC-163

Project Number: 291553

Appendix A

Acronym List 548

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
RO	Responsible Official
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

Appendix B

Major NSR Summary Table 550

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
Emission Caps (6)							
		SO2	705.4	1,503	3, 4, 5, 6, 7, 9, 10, 11, 14, 16, 17, 19, 20, 21, 22, 23, 24, 26, 28, 29, 32, 33, 34, 36, 38, 46, 48, 49, 50, 51, 52, 53, 54, 55, 57, 58, 59, 61, 62, 65, 69, 85, 94	3, 4, 5, 6, 7, 9, 10, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 28, 29, 31, 32, 34, 36, 38, 43, 46, 48, 49, 52, 53, 54, 55, 57, 58, 59, 61, 67, 69, 85, 94	3, 4, 5, 7, 23, 28, 29, 30, 34, 38, 52, 53, 55, 59, 69, 70
		NOx	859.9	1,611			
		CO	1174	2,950			
		PM	120.8	455.00			
		Ammonia	2.66	8.99			
		H2S	4.64	11.40			
		Benzene	2.77	9.39			
		HF	0.33	1.64			
		MTBE	12.11	27.89			
		VOC	562.2	1,557			
		VOC (7) (8)		1,729			
Emissions not in permit emission caps:							
E-MSS-BH15	Boiler MSS	NOx	130.50	1.44	69, 85	67, 69, 83, 85	69

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	283.10	3.11			
E-01-245	Heater 245	NO _x	1.44	6.31	3, 5, 36, 37, 52, 69, 85	3, 5, 36, 37, 52, 67, 69, 85	3, 5, 52, 69
		VOC	0.18	0.77			
		SO ₂	0.85	0.96			
		CO	2.48	10.84			
		PM	0.26	1.07			
		PM ₁₀	0.26	1.07			
		PM _{2.5}	0.26	1.07			
E-V54	CCR Regen Vent	HCl	0.02	0.07	5, 69, 85	5, 67, 69, 85	5, 69
		VOC	0.16	0.70			
C-COEXII	COEXII VOC Normal and Non-Tank MSS Emissions Cap (5)	VOC	33.73	105.79	3, 5, 6, 9, 10, 11, 23, 52, 54, 55, 56, 60, 62, 65, 69, 85, 94, 95	3, 5, 6, 9, 10, 23, 52, 54, 55, 56, 60, 67, 69, 83, 85, 93, 94, 95, 97, 99, 100	3, 5, 6, 23, 52, 60, 55, 69
T-112	Tank 112	VOC	9.49	3.50	3, 5, 9, 69, 88	3, 5, 9, 67, 69, 88	3, 5, 69
		H ₂ S	0.14	0.24			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
T-113	Tank 113	VOC	9.49	3.50	3, 5, 9, 69, 88	3, 5, 9, 67, 69, 88	3, 5, 69
		H ₂ S	0.14	0.24			
T-114	Tank 114	VOC	9.49	3.50	3, 5, 9, 69, 88	3, 5, 9, 67, 69, 88	3, 5, 69
		H ₂ S	0.14	0.24			
T-8010	Coker 843 Sludge Tank 8010	VOC	0.04	0.18	4, 5, 9, 66, 69, 85	4, 5, 9, 66, 67, 69, 85	4, 5, 69
T-8400	Coker 844 Sludge Tank 8400	VOC	0.04	0.18	4, 5, 9, 66, 69, 85	4, 5, 9, 66, 67, 69, 85	4, 5, 69
T-8002	547 Sulfur Tank	H ₂ S	0.48	0.39	29, 69, 85	29, 67, 69, 85	29, 69
T-37	844 Feed Tank 37	VOC	12.18	3.89	5, 9, 69, 85	5, 9, 67, 69, 85	5, 69
E-01-844	DCU 844 Coker Furnace #1	NO _x	3.45	13.75	3, 5, 36, 37, 52, 54, 55, 56, 69, 85	3, 5, 36, 37, 52, 54, 55, 56, 67, 69, 85, 93	3, 5, 52, 55, 69
		NO _x (MSS)	34.55	(10)			
		VOC	1.24	4.94			
		SO ₂	5.34	3.93			
		CO	16.57	32.97			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO (MSS)	82.83	(10)			
		PM	1.84	6.99			
		PM ₁₀	1.84	6.99			
		PM _{2.5}	1.84	6.99			
		NH ₃	1.01	4.00			
E-02-844	DCU 844 Coker Furnace #2	NO _x	3.45	13.75	3, 5, 36, 37, 52, 54, 55, 56, 69, 85	3, 5, 36, 37, 52, 54, 55, 56, 67, 69, 85, 93	3, 5, 52, 55, 69
		NO _x (MSS)	34.55	(10)			
		VOC	1.24	4.94			
		SO ₂	5.34	3.93			
		CO	16.57	32.97			
		CO (MSS)	82.83	(10)			
		PM	1.84	6.99			
		PM ₁₀	1.84	6.99			
		PM _{2.5}	1.84	6.99			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NH ₃	1.01	4.00			
E-03-SRK	545/546/547 South Plant Sulfur Truck Loading	H ₂ S	0.72	0.62	29, 69, 85	29, 67, 69, 85	29, 69
E-05-SCOT	SRU 547 (14)	VOC	0.45	1.96	3, 5, 24, 26, 29, 32, 33, 36, 52, 54, 55, 65, 69, 85	3, 5, 24, 25, 26, 29, 30, 31, 32, 36, 52, 54, 55, 67, 69, 85, 93	3, 5, 29, 30, 52, 55, 69, 70
		NO _x	6.63	29.03			
		CO	36.19	63.41			
		PM	1.23	5.41			
		PM ₁₀	1.23	5.41			
		PM _{2.5}	1.23	5.41			
		SO ₂	81.46	142.72			
		H ₂ S	0.88	3.85			
E-CSV844	Coker Unit 844 Steam Vent	VOC	55.00	35.50	3, 5, 41, 69, 85	3, 5, 41, 67, 69, 85	3, 5, 69
		PM	1.31	0.85			
		PM ₁₀	1.31	0.85			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	1.31	0.85			
		H ₂ S	3.13	2.02			
E-CSV843	Coker Unit 843 Steam Vent	VOC	55.00	61.38	3, 5, 41, 69, 85	3, 5, 41, 67, 69, 85	3, 5, 69
		PM	2.28	1.75			
		PM ₁₀	2.28	1.75			
		PM _{2.5}	2.28	1.75			
		H ₂ S	5.43	4.18			
C-COKE844	Unit 844 coke handling (FINS F-844-1 to F-844-6)	PM	0.26	0.40	5, 46, 48, 49, 50, 51, 69, 85	5, 43, 46, 48, 49, 51, 67, 69, 85	5, 69
		PM ₁₀	0.12	0.19			
		PM _{2.5}	0.02	0.03			
E-WWC-844	Coker 844 Wastewater Collection System	VOC	0.01	0.03	5, 63, 64, 69, 85	5, 64, 67, 69, 85	5, 69
E-MSS-CEP (Coker Unit 844, SRU 547,	Coker 844 Project MSS (11)	VOC	542.76	5.49	69, 84, 85, 88, 94, 95	67, 69, 83, 84, 85, 88, 94, 95	69
		NO _x	29.03	0.51			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
E-23-Flare, E-26-Flare, T-112, T-113, T-114)		CO	194.71	3.27			
		SO ₂	299.15	8.97			
		H ₂ S	3.18	0.19			
		PM	1.48	<0.01			
		PM ₁₀	1.48	<0.01			
		PM _{2.5}	1.48	<0.01			
Emissions in permit emission caps:							
C-BH15-1	Boilerhouse 15 Subcap, Post-mod Phase I	NO _x	78.03	247.5	5, 34, 36, 37, 52, 54, 55, 69, 85	5, 34, 36, 37, 52, 54, 55, 67, 69, 85	5, 52, 55, 69
		VOC	7.05	22.27			
		SO ₂	58.74	37.12			
		CO	107.46	169.9			
		PM	9.15	31.09			
		PM ₁₀	9.15	31.09			
		PM _{2.5}	9.15	31.09			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
E-01-146	Heater 146-H101	NO _x	36.85	149.66	3, 5, 34, 36, 37, 52, 54, 55, 69, 85	3, 5, 34, 36, 37, 52, 54, 55, 67, 69, 85, 93	3, 5, 34, 52, 55, 69
		VOC	2.97	12.05			
		SO ₂	19.73	14.84			
		CO	37.22	75.58			
		CO (MSS)	186.09	(10)			
		PM	4.10	16.64			
		PM ₁₀	4.10	16.64			
		PM _{2.5}	4.10	16.64			
E-02-146	Heater 146-H102AB	NO _x	16.12	70.61	3, 5, 34, 36, 37, 52, 54, 55, 69, 85	3, 5, 34, 36, 37, 52, 54, 55, 67, 69, 85, 93	3, 5, 34, 52, 55, 69
		VOC	1.40	6.14			
		SO ₂	9.33	7.57			
		CO	17.59	38.53			
		CO (MSS)	87.97	(10)			
		PM	1.94	8.49			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	1.94	8.49			
		PM _{2.5}	1.94	8.49			
E-01-147	Heater 147-F-1100	NO _x	13.86	60.71	3, 5, 34, 36, 37, 52, 54, 55, 69, 85	3, 5, 34, 36, 37, 52, 54, 55, 67, 69, 85, 93	3, 5, 52, 55, 69
		VOC	2.14	9.35			
		SO ₂	10.59	7.58			
		CO	32.61	68.93			
		PM	2.95	12.92			
		PM ₁₀	2.95	12.92			
		PM _{2.5}	2.95	12.92			
		NO _x (MSS)	138.60	(10)			
		CO (MSS)	142.42	(10)			
E-02-147	Heater 147-F-1200	NO _x	7.80	17.28	3, 5, 34, 36, 37, 52, 54, 55, 69, 85	3, 5, 34, 36, 37, 52, 54, 55, 67, 69, 85, 93	3, 5, 52, 55, 69
		VOC	0.92	3.29			
		SO ₂	4.10	3.29			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	10.89	19.25			
		PM	1.28	5.60			
		PM ₁₀	1.28	5.60			
		PM _{2.5}	1.28	5.60			
		NO _x (MSS)	79.80	(10)			
		CO (MSS)	82.00	(10)			
E-01-1344	Heater 1344-H1	NO _x	34.09	115.39	3, 5, 34, 36, 37, 52, 54, 55, 69, 85	3, 5, 34, 36, 37, 52, 54, 55, 67, 69, 85	3, 5, 52, 55, 69
		VOC	3.65	14.80			
		SO ₂	11.95	18.53			
		CO	40.45	82.24			
		PM	5.05	20.45			
		PM ₁₀	5.05	20.45			
		PM _{2.5}	5.05	20.45			
		NO _x (MSS)	291.90	(10)			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO (MSS)	282.18	(10)			
E-02-1344	Heater 1344-H33	NO _x	3.82	9.06	3, 5, 34, 36, 37, 69, 85	3, 5, 34, 36, 37, 67, 69, 85	3, 5, 69
		VOC	0.28	1.22			
		SO ₂	0.85	1.39			
		CO	4.26	9.33			
		PM	0.38	1.69			
		PM ₁₀	0.38	1.69			
		PM _{2.5}	0.38	1.69			
		NO _x (MSS)	91.70	(10)			
		CO (MSS)	88.65	(10)			
E-03-1344	Heater 1344-H2_3_32	NO _x	12.80	26.81	3, 5, 34, 36, 52, 54, 55, 69, 85	3, 5, 34, 36, 52, 54, 55, 67, 69, 85	3, 5, 52, 55, 69
		VOC	0.86	2.41			
		SO ₂	2.89	3.02			
		CO	10.64	13.43			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	1.19	3.33			
		PM ₁₀	1.19	3.33			
		PM _{2.5}	1.19	3.33			
		NO _x (MSS)	56.00	(10)			
		CO (MSS)	54.14	(10)			
E-01-843	Heater 843-H1	NO _x	16.00	53.40	3, 5, 34, 36, 52, 54, 55, 69, 85	3, 5, 34, 36, 52, 54, 55, 67, 69, 85, 93	3, 5, 52, 55, 69
		VOC	1.44	5.42			
		SO ₂	6.79	4.38			
		CO	21.96	31.76			
		PM	1.99	7.50			
		PM ₁₀	1.99	7.50			
		PM _{2.5}	1.99	7.50			
		NO _x (MSS)	40.01	(10)			
		CO (MSS)	95.92	(10)			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
E-02-843	Heater 843-H2	NO _x	16.00	53.40	3, 5, 34, 36, 52, 54, 55, 69, 85	3, 5, 34, 36, 52, 54, 55, 67, 69, 85, 93	3, 5, 52, 55, 69
		VOC	1.44	5.42			
		SO ₂	6.79	4.38			
		CO	21.96	31.76			
		PM	1.99	7.50			
		PM ₁₀	1.99	7.50			
		PM _{2.5}	1.99	7.50			
		NO _x (MSS)	40.01	(10)			
		CO (MSS)	95.92	(10)			
E-03-843	Heater 843-H3	NO _x	16.00	53.40	3, 5, 34, 36, 52, 54, 55, 69, 85	3, 5, 34, 36, 52, 54, 55, 67, 69, 85, 93	3, 5, 52, 55, 69
		VOC	1.44	5.42			
		SO ₂	6.79	4.38			
		CO	21.96	31.76			
		PM	1.99	7.50			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	1.99	7.50			
		PM _{2.5}	1.99	7.50			
		NO _x (MSS)	40.01	(10)			
		CO (MSS)	95.92	(10)			
E-01-246	Heater 246-H1	NO _x	2.20	7.51	3, 5, 36, 37, 69, 85	3, 5, 36, 37, 67, 69, 85, 93	3, 5, 69
		VOC	0.34	1.06			
		SO ₂	1.44	0.88			
		CO	4.07	6.19			
		PM	0.47	1.47			
		PM ₁₀	0.47	1.47			
		PM _{2.5}	0.47	1.47			
E-01-1241	Heater 1241-H1	NO _x	4.96	1.24	3, 5, 36, 52, 69, 85	3, 5, 36, 52, 67, 69, 85, 93	3, 5, 52, 69
		VOC	0.33	0.08			
		SO ₂	1.64	0.15			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	4.86	0.64			
		PM	0.43	0.11			
		PM ₁₀	0.43	0.11			
		PM _{2.5}	0.43	0.11			
E-02-1241	Heater 1241-H2	NO _x	4.96	1.24	3, 5, 36, 52, 69, 85	3, 5, 36, 52, 67, 69, 85, 93	3, 5, 52, 69
		VOC	0.33	0.08			
		SO ₂	1.64	0.15			
		CO	4.86	0.64			
		PM	0.43	0.11			
		PM ₁₀	0.43	0.11			
		PM _{2.5}	0.43	0.11			
E-01-241	Heater 241-B101AB	NO _x	7.92	19.51	3, 5, 34, 36, 52, 69, 85	3, 5, 34, 36, 52, 67, 69, 85	3, 5, 52, 69
		VOC	0.53	2.34			
		SO ₂	2.23	2.93			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	8.15	13.49			
		PM	0.73	3.24			
		PM ₁₀	0.73	3.24			
		PM _{2.5}	0.73	3.24			
E-01-242	Heater 242-B201AB	NO _x	6.62	17.45	3, 5, 34, 36, 37, 69, 85	3, 5, 34, 36, 37, 67, 69, 85	3, 5, 69
		VOC	0.36	1.58			
		SO ₂	1.87	1.80			
		CO	4.04	11.91			
		PM	0.50	2.00			
		PM ₁₀	0.50	2.00			
		PM _{2.5}	0.50	2.00			
E-01-243	Heater 243	NO _x	7.10	19.43	3, 5, 34, 36, 52, 69, 85	3, 5, 34, 36, 52, 67, 69, 85	3, 5, 52, 69
		VOC	0.48	1.87			
		SO ₂	1.78	2.32			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	6.74	10.31			
		PM	0.66	2.58			
		PM ₁₀	0.66	2.58			
		PM _{2.5}	0.66	2.58			
E-01-244	Heater 244 F-101/102	NO _x	7.92	34.70	3, 5, 36, 52, 69, 85	3, 5, 36, 52, 67, 69, 85	3, 5, 52, 69
		VOC	0.36	1.60			
		SO ₂	1.90	1.80			
		CO	5.13	11.91			
		PM	0.49	2.00			
		PM ₁₀	0.49	2.00			
		PM _{2.5}	0.49	2.00			
E-01-942	Heater 942-H1_2_3	NO _x	12.83	45.56	3, 5, 34, 36, 52, 54, 55, 69, 85	3, 5, 34, 36, 52, 54, 55, 67, 69, 85	3, 5, 52, 55, 69
		VOC	1.15	4.55			
		SO ₂	5.45	3.68			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	17.61	26.75			
		PM	1.60	6.29			
		PM ₁₀	1.60	6.29			
		PM _{2.5}	1.60	6.29			
		NO _x (MSS)	74.83	(10)			
		CO (MSS)	76.89	(10)			
E-01-443	Heater 443	NO _x	14.20	42.83	3, 5, 34, 36, 52, 54, 55, 69, 85	3, 5, 34, 36, 52, 54, 55, 67, 69, 85	3, 5, 52, 55, 69
		VOC	1.09	3.88			
		SO ₂	3.34	4.86			
		CO	16.67	21.44			
		PM	1.51	5.35			
		PM ₁₀	1.51	5.35			
		PM _{2.5}	1.51	5.35			
		NO _x (MSS)	70.84	(10)			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO (MSS)	68.48	(10)			
C-REFFUG	Refinery Fugitives Subcap (4)	VOC	268.99	1174.36	3, 4, 5, 38, 57, 58, 59, 60, 61, 62, 69, 85	3, 4, 5, 38, 57, 58, 59, 60, 61, 67, 69, 85, 93	3, 4, 5, 38, 59, 60, 69
		H ₂ S	8.98	26.23			
		NH ₃	1.53	5.30			
		HF	0.51	2.38			
		CO	<0.01	<0.01			
		NaOH	<0.01	0.02			
C-TNK-REFY Includes: 2147, 2588, 2590R, 78, 88, T-546-1, T-546-2, T-7842-1, T-7842-2	Refinery Tank Subcap	VOC	3.94	4.00	3, 4, 5, 9, 10, 11, 28, 69, 85	3, 4, 5, 9, 10, 28, 67, 69, 85	3, 4, 5, 28, 69
C-FLARE	Flares Subcap	NO _x	43.94	38.73	3, 5, 6, 65, 69, 85, 94, 95	3, 5, 6, 67, 69, 85, 94, 95	3, 5, 69
		VOC	65.83	58.27			
		SO ₂	24.88	8.13			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	302.9	266.96			
		H ₂ S	0.26	0.09			
C-DOCKUN	Uncontrolled Marine Loading F-03-DOCK, F-02-DOCK, F-05-DOCK, F-06-DOCK, F-08-DOCK, F-07-DOCK, F-11-DOCK, F-12-DOCK, F-14-DOCK, F-15-DOCK	VOC	173.52	78.19	4, 5, 14, 15, 18, 69, 85	4, 5, 14, 15, 18, 67, 69, 85	4, 5, 69
C-SCOTSRU	SRUs Subcap	NO _x	49.68	118.40	3, 5, 24, 26, 29, 32, 33, 36, 52, 54, 55, 65, 69, 85	3, 5, 24, 26, 29, 30, 31, 32, 36, 52, 54, 55, 67, 69, 85, 93	3, 5, 29, 30, 52, 55, 69
		VOC	64.24	151.90			
		SO ₂	345.83	1056.82			
		CO	192.20	896.29			
		PM	24.58	58.60			
		PM ₁₀	24.58	58.60			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	24.58	58.60			
		H ₂ S	3.67	11.23			
E-01-SCOT	SRU 543	SO ₂	57.90	--	3, 5, 24, 26, 29, 32, 33, 36, 52, 54, 55, 65, 69, 85	3, 5, 24, 25, 26, 29, 30, 31, 32, 36, 52, 54, 55, 67, 69, 85, 93	3, 5, 29, 30, 52, 55, 69, 70
		H ₂ S	0.62	--			
E-02-SCOT	SRU 544	SO ₂	82.77	--	3, 5, 24, 26, 29, 32, 33, 36, 52, 54, 55, 65, 69, 85	3, 5, 24, 25, 26, 29, 30, 31, 32, 36, 52, 54, 55, 67, 69, 85, 93	3, 5, 29, 30, 52, 55, 69, 70
		H ₂ S	0.88	--			
E-03-SCOT	SRU 545	SO ₂	137.89	--	3, 5, 24, 26, 29, 32, 33, 36, 52, 54, 55, 65, 69, 85	3, 5, 24, 25, 26, 29, 30, 31, 32, 36, 52, 54, 55, 67, 69, 85, 93	3, 5, 29, 30, 52, 55, 69, 70
		H ₂ S	1.47	--			
E-04-SCOT	SRU 546	SO ₂	137.89	--	3, 5, 24, 26, 29, 32, 33, 36, 52, 54, 55, 65, 69, 85	3, 5, 24, 25, 26, 29, 30, 31, 32, 36, 52, 54, 55, 67, 69, 85, 93	3, 5, 29, 30, 52, 55, 69, 70
		H ₂ S	1.47	--			
E-02-SRK	543/544 Sulfur Loading	H ₂ S	0.36	0.28	29	29	29
E-01-943	HCU - Reactor 1 and Reactor 2 Furnaces	NO _x	7.81	28.51	3, 5, 34, 36, 37, 52, 54, 55, 69, 85	3, 5, 34, 36, 37, 52, 54, 55, 67, 69, 85, 93	3, 5, 52, 55, 69
		VOC (9)	0.60	2.20			
		SO ₂	8.20	5.87			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	14.93	27.27			
		PM	1.66	6.07			
		PM ₁₀	1.66	6.07			
		PM _{2.5}	1.66	6.07			
		NO _x (MSS)	65.10	(10)			
		CO (MSS)	62.20	(10)			
E-02-943	HCU - Fractionator Feed Furnace	NO _x	5.22	22.86	3, 5, 34, 36, 37, 52, 54, 55, 56, 69, 85	3, 5, 34, 36, 37, 52, 54, 55, 56, 67, 69, 85, 93	3, 5, 52, 55, 69
		NO _x (MSS)	52.20	(12)			
		VOC (9)	1.88	8.22			
		SO ₂	13.31	10.79			
		CO	23.27	50.97			
		CO (MSS)	116.37	(12)			
		PM	2.90	11.81			
		PM ₁₀	2.90	11.81			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	2.90	11.81			
		NH ₃	1.41	6.19			
E-MERICHEM	Merichem Flare	NO _x	1.08	4.73	3, 5, 6, 65, 69, 85, 94, 95	3, 5, 6, 67, 69, 85, 94, 95	3, 5, 69
		CO	4.3	18.85			
		VOC	1.61	7.05			
		SO ₂	0.01	0.01			
E-01-WGS	FCCU Wet Gas Scrubber	NO _x	327.70	271.93	3, 5, 19, 20, 21, 52, 54, 55, 65, 69, 85	3, 5, 19, 20, 21, 52, 54, 55, 67, 69, 85, 93	3, 5, 52, 55, 69
		VOC	15.70	68.80			
		SO ₂	114.1	256.08			
		CO	498.8	896.29			
		PM	63.50	278.13			
		PM ₁₀	63.50	278.13			
		PM _{2.5}	63.50	278.13			
		NH ₃	3.19	12.38			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		HCN	89.80	347.95			
		H ₂ SO ₄	18.26	80.00			
E-MC-24-25	Controlled Marine Loading (12)	NO _x	52.98	22.34	4, 5, 7, 14, 15, 16, 17, 53, 65, 69, 85, 94, 95	4, 5, 7, 14, 15, 16, 17, 18, 53, 67, 69, 85, 94, 95	4, 5, 53, 69
		VOC	68.14	23.72			
		CO	123.01	46.09			
		SO ₂	1.87	0.17			
		PM	3.12	1.23			
		PM ₁₀	3.12	1.23			
		PM _{2.5}	3.12	1.32			
C-RCVENT	Butane Railcar Loading	NO _x	0.17	0.73	13	13	
		VOC	6.01	0.38			
		CO	0.25	1.10			
		SO ₂	0.01	0.01			
		PM	0.02	0.07			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	0.02	0.07			
		PM _{2.5}	0.02	0.07			
E-CT-136A	1241 Cooling Tower 136A	VOC	26.04	11.96	5, 22, 69	5, 22, 67, 69	5, 69
		PM	0.73	2.14			
		PM ₁₀	0.43	1.27			
		PM _{2.5}	<0.01	<0.01			
E-CT-136B	1242 Cooling Tower 136B	VOC	26.44	11.96	5, 22, 69	5, 22, 67, 69	5, 69
		PM	0.74	2.17			
		PM ₁₀	0.44	1.29			
		PM _{2.5}	<0.01	<0.01			
E-CT-233	243 Cooling Tower 233	VOC	5.01	1.24	5, 22, 69	5, 22, 67, 69	5, 69
E-CT-316	BH15 Cooling Tower 316	VOC	1.00	0.46	5, 22, 69	5, 22, 67, 69	5, 69
		PM	0.51	1.78			
		PM ₁₀	0.28	0.99			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	<0.01	<0.01			
E-CT-354	543 Cooling Tower 354	VOC	2.40	1.10	5, 22, 69	5, 22, 67, 69	5, 69
E-CT-360	1344 Cooling Tower 360	VOC	8.81	4.05	5, 22, 69	5, 22, 67, 69	5, 69
E-CT-363	245 Cooling Tower 363	VOC	4.01	0.89	5, 22, 69	5, 22, 67, 69	5, 69
E-CT-366	146 Cooling Tower 366	VOC	20.03	2.45	5, 22, 69	5, 22, 67, 69	5, 69
		PM	0.56	1.64			
		PM ₁₀	0.33	0.97			
		PM _{2.5}	<0.01	<0.01			
E-CT-100	241/242 Cooling Tower 100	VOC	10.01	4.60	5, 22, 69	5, 22, 67, 69	5, 69
E-CT-101	243 Cooling Tower 101	VOC	12.42	5.70	5, 22, 69	5, 22, 67, 69	5, 69
E-CT-432	Cooling Tower 432 Pre-Drift Upgrade (4) (15)	VOC	14.02	6.44	5, 22, 69	5, 22, 67, 69	5, 69
		PM	4.81	14.64			
		PM ₁₀	3.37	10.29			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	<0.01	0.01			
E-CT-432	Cooling Tower 432 Post-Drift Upgrade (4) (16)	VOC	14.02	6.44	5, 22, 69	5, 22, 67, 69	5, 69
		PM	0.44	1.53			
		PM ₁₀	0.28	0.97			
		PM _{2.5}	<0.01	<0.01			
E-CT-433	147/246/456 Cooling Tower 433	VOC	18.03	8.28	5, 22, 23, 69	5, 22, 23, 67, 69	5, 22, 23, 69
		PM	0.56	1.97			
		PM ₁₀	0.31	1.10			
		PM _{2.5}	<0.01	<0.01			
E-CT-244	443 Cooling Tower 244	VOC	11.22	5.15	5, 22, 69	5, 22, 67, 69	5, 69
E-CT-446	943/7945 Cooling Tower 446	VOC	18.99	8.72	5, 22, 23, 69	5, 22, 23, 67, 69	5, 23, 69
		PM	0.59	2.08			
		PM ₁₀	0.33	1.16			
		PM _{2.5}	<0.01	<0.01			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
C-COKE843	Unit 843 coke storage and loading (FINS F-843-1 to F-843-17)	PM	5.17	8.71	5, 46, 48, 49, 50, 51, 69, 85	5, 42, 46, 48, 49, 51, 67, 69, 85	5, 69
		PM ₁₀	2.48	4.26			
		PM _{2.5}	0.37	0.63			
E-01-BLR	Steam Boiler	VOC	2.49	9.92	3, 5, 34, 36, 52, 54, 55, 56, 69, 85	3, 5, 34, 36, 52, 54, 55, 56, 67, 69, 85	3, 5, 52, 55, 69
		NO _x	6.93	27.87			
		CO	33.23	66.83			
		NO _x (MSS)	69.3	(10)			
		CO (MSS)	166.16	(10)			
		SO ₂	10.70	7.89			
		PM	3.44	13.71			
		PM ₁₀	3.44	13.71			
		PM _{2.5}	3.44	13.71			
		NH ₃	2.02	8.03			
T-1001	Storage Tank 1001	VOC	1.00	1.13	3, 4, 5, 9, 28, 69, 85	3, 4, 5, 9, 28, 67, 69,	3, 4, 5, 28, 69

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NH ₃	<0.01	<0.01		85	
		H ₂ S	<0.01	0.01			
T-134	Storage Tank 134	VOC	0.71	0.61	3, 5, 9, 69, 85	3, 5, 9, 67, 69, 85	3, 5, 69
E-MSS-NT	Non-Tank-Related Plant-Wide Planned Maintenance, Startup, and Shutdown Emissions (13)	VOC	2,154.45	235.60	84, 85	83, 84, 85, 89, 93, 94, 97, 99, 100	
		NO _x	399.99	35.02			
		CO	4,086.51	111.77			
		SO ₂	1,516.48	54.42			
		PM	10.18	8.85			
		PM ₁₀	3.10	2.75			
		PM _{2.5}	3.10	2.75			
		H ₂ S	60.11	3.08			
		HCl	1.20	5.27			
		Benzene	8.84	1.08			
		Exempt Solvents	0.36	0.53			

Major NSR Summary Table

Permit Number 6825A, PSDTX49M2, and N65					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NH ₃	6.99	0.27			
E-MSS-T	Tank Related Plant-Wide Planned Maintenance, Startup, and Shutdown Emissions (13)	VOC	5,514.63	9.37	86, 87	83, 86, 87, 90	
		NO _x	577.56	1.05			
		CO	1,323.86	2.15			
		SO ₂	9.89	1.43			
		PM	0.12	0.02			
		PM ₁₀	0.12	0.02			
		PM _{2.5}	0.12	0.02			
		H ₂ S	2.23	0.02			

- (1) Emission point identification - either specific equipment designation or emission point number (EPN).
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code §101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- CO - carbon monoxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented.

PM _{2.5}	-	particulate matter equal to or less than 2.5 microns in diameter
H ₂ S	-	hydrogen sulfide
HCl	-	hydrogen chloride
HF	-	hydrogen fluoride
MTBE	-	methyl-tertiary-butyl ether
N ₂ O	-	nitrous oxide
NH ₃	-	ammonia
HCN	-	hydrogen cyanide
H ₂ SO ₄	-	sulfuric acid

- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) These facilities were subject to nonattainment review for VOC for Permit N65. The non-Tank maintenance, startup, and shutdown (MSS) VOC emissions associated with the COEX II facilities must also be added to the routine VOC emissions from the COEX II facilities to determine compliance with this annual emission cap.
- (6) These emission caps have been carried forward from the historic flexible permit. Except for the VOC emissions caps, these emission caps are the sum of the individual and subcap emission rates for the pollutant and are shown for information purposes only.
- (7) The VOC emissions caps are more limiting than the sum of the individual emission rate limits for those facilities.
- (8) With the exception of VOC emissions from COEXII facilities, this annual emissions cap applies to the sum total of all normal emissions from the facilities listed on Attachment I and the Non-tank MSS VOC emissions from the facilities listed in Attachment 6. VOC MSS emissions from COEX II facilities and the Coker 844 Project do not need to be included when showing compliance with the annual VOC cap.
- (9) Emissions are a subcap of COEXII VOC Cap.
- (10) Annual emissions are included as part of annual emissions authorized for normal facility operation.
- (11) Hourly emissions from Flare EPNs E-23-Flare and E-26-Flare are a subcap of the emissions authorized for the flare in the "MSS Non-Tank Sub-Cap".
- (12) Includes emissions from marine vapor combustors E-MC-24 and E-MC-25.
- (13) These plant-wide MSS emissions subcaps do not include any Coker 844 Project MSS emissions except for hourly emissions from Flare EPNs E-23-Flare and E-26-Flare.
- (14) Emission rates for EPN E-05-SCOT are reflective of the worst-case calculated emissions of either with or without oxygen enrichment from SRU 547.
- (15) Emissions from EPN E-CT-432 'pre-drift upgrade' are applicable until completion of the drift eliminator upgrades to be completed before December 31, 2026.
- (16) Emissions from EPN E-CT-432 'post-drift upgrade' are applicable after completion of the drift eliminator upgrades to be completed before December 31, 2026.

Major NSR Summary Table

Permit Number: GHGPSDTX167M1					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
E-01-245	Heater 245	CO ₂ (5)	--	18,687.00	74	74	
		N ₂ O (5)	--	0.19			
		CH ₄ (5)	--	0.95			
		CO ₂ e	--	18,767.00			
T-112	112	CH ₄ (5)	-	0.03	81	81	
		CO ₂ e	-	0.87			
T-113	113	CH ₄ (5)	-	0.03	81	81	
		CO ₂ e	-	0.87			
T-114	114	CH ₄ (5)	-	0.03	81	81	
		CO ₂ e	-	0.87			
E-01-844	DCU 844 Coker Furnace #1	CO ₂ (5)	--	119,242.00	74	74	
		N ₂ O (5)	--	1.21			
		CH ₄ (5)	--	6.06			
		CO ₂ e	--	119,755.00			

Major NSR Summary Table

Permit Number: GHGPSDTX167M1					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
E-02-844	DCU 844 Coker Furnace #2	CO ₂ (5)	--	119,242.00	74	74	
		N ₂ O (5)	--	1.21			
		CH ₄ (5)	--	6.06			
		CO ₂ e	--	119,755.00			
E-05-SCOT	SRU 547	CO ₂ (5)	--	131,987	74, 78	74, 78	
		N ₂ O (5)	--	0.48			
		CH ₄ (5)	--	2.40			
		CO ₂ e	--	132,190			
E-CSV-844	Coker Unit 844 Steam Vent	CH ₄ (5)	--	161.38	74, 77, 79	74, 77, 79	
		CO ₂ e	--	4,034.00			
E-CSV-843	Coker Unit 843 Steam Vent	CH ₄ (5)	--	279.00	74, 77, 79	74, 77, 79	
		CO ₂ e	--	6,975.00			
E-MSS-CEP	Coker 844 Project MSS	CO ₂ (5)	--	1,101.00	74, 82	74, 82	
		N ₂ O (5)	--	0.01			

Major NSR Summary Table

Permit Number: GHGPSDTX167M1					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CH ₄ (5)	--	0.06			
		CO ₂ e	--	1,106.00			
E-01-146	Heater 146-H101	CO ₂ (5)	--	290,556.00	74	74	
		N ₂ O (5)	--	2.95			
		CH ₄ (5)	--	14.77			
		CO ₂ e	--	291,806.00			
E-02-146	Heater 146-H102AB	CO ₂ (5)	--	148,127.00	74	74	
		N ₂ O (5)	--	1.51			
		CH ₄ (5)	--	7.53			
		CO ₂ e	--	148,764.00			
E-01-147	Heater 147-F-1100	CO ₂ (5)	--	225,609.00	74	74	
		N ₂ O (5)	--	2.29			
		CH ₄ (5)	--	11.47			
		CO ₂ e	--	226,579.00			

Major NSR Summary Table

Permit Number: GHGPSDTX167M1					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
E-02-147	Heater 147-F-1200	CO ₂ (5)	--	97,764.00	74	74	
		N ₂ O (5)	--	0.99			
		CH ₄ (5)	--	4.97			
		CO ₂ e (5)	--	98,184.00			
E-01-1344	Heater 1344-H1	CO ₂ (5)	--	356,986.00	74	74	
		N ₂ O (5)	--	3.63			
		CH ₄ (5)	--	18.15			
		CO ₂ e	--	358,521.00			
E-02-1344	Heater 1344-H33	CO ₂ (5)	--	29,568.00	74	74	
		N ₂ O (5)	--	0.30			
		CH ₄ (5)	--	1.50			
		CO ₂ e	--	29,696.00			
E-03-1344	Heater 1344-H2_3_32	CO ₂ (5)	--	58,111.00	74	74	
		N ₂ O (5)	--	0.59			

Major NSR Summary Table

Permit Number: GHGPSDTX167M1					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CH ₄ (5)	--	2.95			
		CO ₂ e	--	58,361.00			
E-01-843	Heater 843-H1	CO ₂ (5)	--	130,921.00	74	74	
		N ₂ O (5)	--	1.33			
		CH ₄ (5)	--	6.66			
		CO ₂ e	--	131,485.00			
E-02-843	Heater 843-H2	CO ₂ (5)	--	130,921.00	74	74	
		N ₂ O (5)	--	1.33			
		CH ₄ (5)	--	6.66			
		CO ₂ e	--	131,485.00			
E-03-843	Heater 843-H3	CO ₂ (5)	--	130,921.00	74	74	
		N ₂ O (5)	--	1.33			
		CH ₄ (5)	--	6.66			
		CO ₂ e	--	131,485.00			

Major NSR Summary Table

Permit Number: GHGPSDTX167M1					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
E-01-246	Heater 246-H1	CO ₂ (5)	--	25,637.00	74	74	
		N ₂ O (5)	--	0.26			
		CH ₄ (5)	--	1.30			
		CO ₂ e	--	25,748.00			
E-01-241	Heater 241-B101AB	CO ₂ (5)	--	56,516.00	74	74	
		N ₂ O (5)	--	0.57			
		CH ₄ (5)	--	2.87			
		CO ₂ e	--	56,759.00			
E-01-242	Heater 242-B201AB	CO ₂ (5)	--	34,924.00	74	74	
		N ₂ O (5)	--	0.36			
		CH ₄ (5)	--	1.78			
		CO ₂ e	--	35,074.00			
E-01-243	Heater 243	CO ₂ (5)	--	45,065.00	74	74	
		N ₂ O (5)	--	0.46			

Major NSR Summary Table

Permit Number: GHGPSDTX167M1					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CH ₄ (5)	--	2.29			
		CO ₂ e	--	45,259.00			
E-01-244	Heater 244 F-101/102	CO ₂ (5)	--	34,924.00	74	74	
		N ₂ O (5)	--	0.36			
		CH ₄ (5)	--	1.78			
		CO ₂ e	--	35,074.00			
E-01-942	Heater 942-H1_2_3	CO ₂ (5)	--	109,785.00	74	74	
		N ₂ O (5)	--	1.12			
		CH ₄ (5)	--	5.58			
		CO ₂ e	--	110,257.00			
E-01-443	Heater 443	CO ₂ (5)	--	93,377.00	74	74	
		N ₂ O (5)	--	0.95			
		CH ₄ (5)	--	4.75			
		CO ₂ e	--	93,779.00			

Major NSR Summary Table

Permit Number: GHGPSDTX167M1					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
C-REFFUG Includes: F-1241, F-1242, F-1344, F-146, F-147, F-15BH, F-16BH, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-545, F-546, F-547, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-844, F-8746, F-8747, F-942, FUAUCT, F-DOCKS, F-544, F-Fueling Station, F-163PH, F-41PH, F-FGMD, F-SRTF, F-Utilities, F-8741, F-543/4, F-NSTF, F-BH-19, F-7843, F-943-75K, F-844	Refinery Fugitives VOC Subcap (4)	CH ₄ (5)	-	113.20	80	80	
		CO ₂ e	-	2829.94			

Major NSR Summary Table

Permit Number: GHGPSDTX167M1					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
E-01-943	HCU - Reactor 1 and Reactor 2 Furnaces	CO ₂ (5)	--	105,968.00	74	74	
		N ₂ O (5)	--	1.08			
		CH ₄ (5)	--	5.39			
		CO ₂ e	--	106,423.00			
E-02-943	HCU - Fractionator Feed Furnace	CO ₂ (5)	--	198,262.00	74	74	
		N ₂ O (5)	--	2.02			
		CH ₄ (5)	--	10.08			
		CO ₂ e	--	199,115.00			
E-MC-24-25	DOCK-MC	CO ₂ (5)	--	184,895.16	76	76	
		N ₂ O (5)	--	2.09			
		CH ₄ (5)	--	10.44			
		CO ₂ e	--	185,777.62			
E-01-BLR	Steam Boiler	CO ₂ (5)	--	239281.80	74	74	
		N ₂ O (5)	--	0.41			

Major NSR Summary Table

Permit Number: GHGPSDTX167M1					Issuance Date: January 30, 2026		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CH ₄ (5)	--	4.06			
		CO _{2e}	--	239504.05			

(1) Emission point identification - either specific equipment designation or emission point number (EPN).

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) CO₂ - carbon dioxide
 N₂O - nitrous oxide
 CH₄ - methane
 CO_{2e} - carbon dioxide equivalents based on the following Global Warming Potentials (GWP) found in Table A-1 of Subpart A 40 CFR Part 98 (78 FR 71904) for each pollutant:
 CO₂ (1), N₂O (298), CH₄ (25), SF₆ (22,800), HFC (various), PFC (various).

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.

(5) Emission rate is given for informational purposes only and does not constitute enforceable limit.



Texas Commission on Environmental Quality Air Quality Permit

A Permit Is Hereby Issued To
The Premcor Refining Group Inc.
Authorizing the Construction and Operation of
Port Arthur Refinery
Located at Port Arthur, Jefferson County, Texas
Latitude 29.885 Longitude -93.94

Permits: 6825A, GHGPSDTX167M1, N65, and
PSDTX49M2

Revision Date: January 30, 2026

Expiration Date: February 16, 2032

A handwritten signature in black ink, appearing to read "K. Keel".

For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code (TAC) Section 116.116 (30 TAC § 116.116)] ¹
2. **Voiding of Permit.** A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1) the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of \$5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC § 116.120]
3. **Construction Progress.** Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC § 116.115(b)(2)(A)]
4. **Start-up Notification.** The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC § 116.115(b)(2)(B)]
5. **Sampling Requirements.** If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC § 116.115(b)(2)(C)]
6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC § 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and

operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction in a timely manner; comply with any additional recordkeeping requirements specified in special conditions in the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC § 116.115(b)(2)(E)]

8. **Maximum Allowable Emission Rates.** The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC § 116.115(b)(2)(F)] ¹
9. **Maintenance of Emission Control.** The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification in accordance with 30 TAC §101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC § 116.115(b)(2)(G)]
10. **Compliance with Rules.** Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC § 116.115(b)(2)(H)]
11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(e)]
12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC § 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to "air pollution" as defined in Texas Health and Safety Code (THSC) §382.003(3) or violate THSC § 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit. ¹

¹ Please be advised that the requirements of this provision of the general conditions may not be applicable to greenhouse gas emissions.

Common Acronyms in Air Permits

°C = Temperature in degrees Celsius	GLCmax = maximum (predicted) ground-level concentration
°F = Temperature in degrees Fahrenheit	gpm = gallon per minute
°K = Temperature in degrees Kelvin	gr/1000scf = grain per 1000 standard cubic feet
µg = microgram	gr/dscf = grain per dry standard cubic feet
µg/m ³ = microgram per cubic meter	H ₂ CO = formaldehyde
acfm = actual cubic feet per minute	H ₂ S = hydrogen sulfide
AMOC = alternate means of control	H ₂ SO ₄ = sulfuric acid
AOS = alternative operating scenario	HAP = hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
AP-42 = Air Pollutant Emission Factors, 5th edition	HC = hydrocarbons
APD = Air Permits Division	HCl = hydrochloric acid, hydrogen chloride
API = American Petroleum Institute	Hg = mercury
APWL = air pollutant watch list	HGB = Houston/Galveston/Brazoria
BPA = Beaumont/ Port Arthur	hp = horsepower
BACT = best available control technology	hr = hour
BAE = baseline actual emissions	IFR = internal floating roof tank
bbl = barrel	in H ₂ O = inches of water
bbl/day = barrel per day	in Hg = inches of mercury
bhp = brake horsepower	IR = infrared
BMP = best management practices	ISC3 = Industrial Source Complex, a dispersion model
Btu = British thermal unit	ISCST3 = Industrial Source Complex Short-Term, a dispersion model
Btu/scf = British thermal unit per standard cubic foot or feet	K = Kelvin; extension of the degree Celsius scaled-down to absolute zero
CAA = Clean Air Act	LACT = lease automatic custody transfer
CAM = compliance-assurance monitoring	LAER = lowest achievable emission rate
CEMS = continuous emissions monitoring systems	lb = pound
cfm = cubic feet (per) minute	lb/day = pound per day
CFR = Code of Federal Regulations	lb/hr = pound per hour
CN = customer ID number	lb/MMBtu = pound per million British thermal units
CNG = compressed natural gas	LDAR = Leak Detection and Repair (Requirements)
CO = carbon monoxide	LNG = liquefied natural gas
COMS = continuous opacity monitoring system	LPG = liquefied petroleum gas
CPMS = continuous parametric monitoring system	LT/D = long ton per day
DFW = Dallas/ Fort Worth (Metroplex)	m = meter
DE = destruction efficiency	m ³ = cubic meter
DRE = destruction and removal efficiency	m/sec = meters per second
dscf = dry standard cubic foot or feet	MACT = maximum achievable control technology
dscfm = dry standard cubic foot or feet per minute	MAERT = Maximum Allowable Emission Rate Table
ED = (TCEQ) Executive Director	MERA = Modeling and Effects Review Applicability
EF = emissions factor	mg = milligram
EFR = external floating roof tank	mg/g = milligram per gram
EGU = electric generating unit	mL = milliliter
EI = Emissions Inventory	MMBtu = million British thermal units
ELP = El Paso	MMBtu/hr = million British thermal units per hour
EPA = (United States) Environmental Protection Agency	MSDS = material safety data sheet
EPN = emission point number	MSS = maintenance, startup, and shutdown
ESL = effects screening level	MW = megawatt
ESP = electrostatic precipitator	NAAQS = National Ambient Air Quality Standards
FCAA = Federal Clean Air Act	NESHAP = National Emission Standards for Hazardous Air Pollutants
FCCU = fluid catalytic cracking unit	NGL = natural gas liquids
FID = flame ionization detector	NNSR = nonattainment new source review
FIN = facility identification number	NO _x = total oxides of nitrogen
ft = foot or feet	NSPS = New Source Performance Standards
ft/sec = foot or feet per second	
g = gram	
gal/wk = gallon per week	
gal/yr = gallon per year	
GLC = ground level concentration	

PAL = plant-wide applicability limit
PBR = Permit(s) by Rule
PCP = pollution control project
PEMS = predictive emission monitoring system
PID = photo ionization detector
PM = periodic monitoring
PM = total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM_{2.5} = particulate matter equal to or less than 2.5 microns in diameter
PM₁₀ = total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
POC = products of combustion
ppb = parts per billion
ppm = parts per million
ppmv = parts per million (by) volume
psia = pounds (per) square inch, absolute
psig = pounds (per) square inch, gage
PTE = potential to emit
RA = relative accuracy
RATA = relative accuracy test audit
RM = reference method
RVP = Reid vapor pressure
scf = standard cubic foot or feet
scfm = standard cubic foot or feet (per) minute
SCR = selective catalytic reduction
SIL = significant impact levels
SNCR = selective non-catalytic reduction
SO₂ = sulfur dioxide
SOCMI = synthetic organic chemical manufacturing industry
SRU = sulfur recovery unit
TAC = Texas Administrative Code
TCAA = Texas Clean Air Act
TCEQ = Texas Commission on Environmental Quality
TD = Toxicology Division
TLV = threshold limit value
TMDL = total maximum daily load
tpd = tons per day
tpy = tons per year
TVP = true vapor pressure
VOC = volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
VRU = vapor recovery unit or system

Special Conditions

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Emission Caps and Individual Emission Limitations

1. This permit covers only those sources of emissions listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates" (MAERT), and those sources are limited to the emission limits and other conditions specified in this permit.

Planned startup and shutdown emissions due to the activities identified in Special Condition 83 are authorized from facilities and emission points identified in Attachment 6 at the site provided the facility and emissions are compliant with the respective Emission Caps and Individual Emission Limitations Table (ECIELT) and special conditions.

2. Non-fugitive emissions from relief valves, safety valves, or rupture discs of gases containing volatile organic compounds (VOC) at a concentration of greater than 1 percent are not authorized by this permit unless authorized on the MAERT. Any releases directly to atmosphere from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration greater than 1 weight percent are not consistent with good practice for minimizing emissions with the exception of those listed in Attachment 2 to this permit.

Federal Applicability

3. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on Standards of Performance for New Stationary Sources (NSPS) promulgated for the following:
 - A. Petroleum Refineries in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subparts A, J and Ja.
 - B. Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978, in 40 CFR Part 60, Subparts A and K.
 - C. Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984, in 40 CFR Part 60, Subparts A and Ka.
 - D. Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, in 40 CFR Part 60, Subparts A and Kb.
 - E. Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After January 4, 1983, and on or Before November 7, 2006 in 40 CFR Part 60, Subparts A and GGG.
 - F. Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006 in 40 CFR Part 60, Subparts A and GGGa.
 - G. The VOC Emissions from Petroleum Refinery Wastewater Systems in 40 CFR Part 60, Subparts A and QQQ.
4. These facilities shall comply with all applicable requirements of the EPA regulations on National Emission Standards for Hazardous Air Pollutants (NESHAPS) promulgated for the following:
 - A. Benzene Transfer Operations in 40 CFR Part 61, Subparts A and BB.

Special Conditions

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 2

- B. Benzene Waste Operations in 40 CFR Part 61, Subparts A and FF.
5. These facilities shall comply with all applicable requirements of EPA regulations on NESHAPS for Source Categories promulgated for the following:
- A. Petroleum Refineries, including the referenced requirements contained in 40 CFR Part 63, Subparts A and CC.
 - B. Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units, including the referenced requirements contained in 40 CFR Part 63, Subparts A and UUU.
 - C. National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters in 40 CFR Part 63, Subparts A and DDDDD.
 - D. National Emission Standards for Marine Tank Vessel Loading Operations in 40 CFR Part 63, Subparts A and Y.

Flares

6. Flares shall be designed and operated in accordance with the following requirements:
- A. Flares shall operate with no less than 98 percent efficiency in disposing of the carbon compounds captured by the collection system.
 - B. Each flare system shall be designed such that the combined assist natural gas and waste stream to each flare meets the 40 CFR § 60.18 specifications of minimum heating value and maximum tip velocity under normal, upset, and maintenance flow conditions.

The heating value and velocity requirements shall be satisfied during operations authorized by this permit. Flare testing per 40 CFR § 60.18(f) may be requested by the Texas Commission on Environmental Quality (TCEQ) Beaumont Regional Office to demonstrate compliance with these requirements.
 - C. Each flare shall be operated with a flame present at all times that waste gas is routed to it and have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to and shall be calibrated at a frequency in accordance with, the manufacturer's specifications.
 - D. Each flare shall be operated with no visible emissions except for periods not to exceed a total of five minutes during any two consecutive hours. This shall be ensured by the use of steam assist to each flare.
 - E. Except as provided in this condition, the flare system shall be equipped with a continuous flow monitors and reduced sulfur analyzers that provide a record of the total waste gas flow to the flares and the sulfur concentration in the flared gas.

The flow monitor and sulfur analyzer sample points shall be installed such that the total vent stream(s) to the flares is measured and analyzed. Monitors to measure the flow rate and sulfur content of flared gas shall continuously monitor and record the flow rate and the reduced sulfur content of the gas. The flow monitors shall be installed and operating in accordance with the specifications in 40 CFR § 60.107a(f)(1) by July 1, 2013. The sulfur

instrument shall be installed and operated according to the specifications set out in 40 CFR § 60.107a(e).

The monitors and analyzers shall operate as required by this section at least 95% of the time when the flare is operational, averaged over a rolling 12-month period. Flared gas reduced sulfur concentration and actual exit velocity shall be recorded at least once every 15 minutes.

- F. Under the following circumstances, Flare 26 is exempt from the requirement in Special Condition 6.B to be designed to maintain a maximum tip velocity during worst-case upset conditions: global power failure and low rate depress, global cooling water failure and low rate depress, max single emergency to HP Header, Maximum single emergency to LP header, and less severe upset conditions that result in lower flare gas flow rates.
- G. Flare 5 (EPN E-05-FLARE) is limited to burning purge and pilot gas during normal operation. Purge and pilot gas combusted in the flare shall be sweet natural gas containing no more than 0.2 grains of total sulfur per 100 dry standard cubic feet. The natural gas shall be sampled every 6 months to determine total sulfur. Test results from the fuel supplier may be used to satisfy this requirement.
- H. Waste gas vented to flare (EPN E-13-FLARE) shall be sampled on a quarterly basis to determine the total sulfur content of the vent stream. Records of sampling results and the 12-month rolling average fuel sulfur content shall be kept.

Vapor Combustor

- 7. The marine loading vapor combustor shall be designed and operated in accordance with the following requirements:
 - A. The vapor combustor unit (EPN E-MC-24-25) shall achieve 99% destruction removal efficiency (DRE) of the VOCs in the waste gas directed to it. This shall be ensured by maintaining the temperature in or immediately downstream of the combustion chamber above 568°F for MC-24 and 457°F for MC-25 prior to the initial stack test performed in accordance with Special Condition 53. Following the completion of that stack test, the six-minute average temperature shall be maintained above the minimum one-hour average temperature maintained during the last satisfactory stack test.
 - B. The temperature measurement device shall reduce the temperature readings to an averaging period of 6 minutes or less and record it at that frequency. The temperature monitor shall be installed, calibrated or have a calibration check performed at least annually, and maintained according to the manufacturer's specifications. The device shall have an accuracy of the greater of ± 2 percent of the temperature being measured expressed in degrees Celsius or $\pm 2.5^\circ\text{C}$.
 - C. Quality assured (or valid) data must be generated when the VCU is operating. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the VCU operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

The vapor combustor shall be operated with no visible emissions and have a constant pilot flame during all times waste gas could be directed to it. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to and shall be calibrated or have a calibration check performed at a frequency in accordance with, the

manufacturer's specifications. For purposes of this permit a calibration check means, at a minimum, using a second device or method to verify that the monitor is within the accuracy specifications of the permit.

- D. Fuel gas combusted in the VCU shall be sweet natural gas containing no more than 0.2 grains of total sulfur per 100 dry standard cubic feet. The natural gas shall be sampled every 6 months to determine total sulfur and net heating value. Test results from the fuel supplier may be used to satisfy this requirement.

8. Reserved.

Atmospheric Storage Tanks

- 9. Atmospheric storage tanks are subject to the following requirements. The control requirements specified in Paragraphs A-D of this condition shall not apply (1) where the VOC has an aggregate partial pressure of less than 0.50 pound per square inch, absolute (psia) at the maximum feed temperature or 95°F, whichever is greater, or (2) to storage tanks smaller than 25,000 gallons.
 - A. An internal floating deck or roof or equivalent control shall be installed in all tanks. The floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: (1) a liquid-mounted seal, (2) two continuous seals mounted one above the other, or (3) a mechanical shoe seal. Installation of equivalent control requires prior review and approval by the TCEQ Executive Director.
 - B. An open-top tank containing a floating roof (external floating roof tank) which uses double seal or secondary seal technology shall be an approved control alternative to an internal floating roof tank provided the primary seal consists of either a mechanical shoe seal or a liquid-mounted seal and the secondary seal is rim-mounted.

A weathershield is not approvable as a secondary seal unless specifically reviewed and determined to be vapor-tight.
 - C. For any tank equipped with a floating roof, the permit holder shall perform the visual inspections and seal gap measurements as specified in 40 CFR § 60.113b, Testing and Procedures (as amended at 54 FR 32973, Aug. 11, 1989), to verify fitting and seal integrity. Records shall be maintained of the dates seals were inspected and seal gap measurements made, results of inspections and measurements made (including raw data), and actions taken to correct any deficiencies noted.
 - D. The floating roof design shall incorporate sufficient flotation to conform to the requirements of American Petroleum Institute (API) Code 650 dated November 1, 1998, except that an internal floating cover need not be designed to meet rainfall support requirements and the materials of construction may be steel or other materials.
 - E. Except for labels, logos, etc. not to exceed 15 percent of the tank total surface area, uninsulated tank exterior surfaces exposed to the sun shall be white, aluminum, or equivalent light color, except where a dark color is necessary to help the tank absorb or retain heat in order to maintain the material in the tank in a liquid state. Storage tanks must be equipped with permanent submerged fill pipes.
 - F. The true vapor pressure of any liquid stored at this facility in an atmospheric tank shall not exceed 11.0 psia.

- G. Storage tanks T-112, T-113, and T-114 are authorized to store crude oil with each having a maximum fill/withdrawal rate of 45,000 bbls/hr.
- The permit holder shall maintain an emissions record which includes calculated emissions of VOC and H₂S from all storage tanks during the previous calendar month and the past consecutive 12-month period. The record shall include tank identification number, control method used, tank capacity in gallons, name of the material stored, VOC molecular weight, VOC monthly average temperature in degrees Fahrenheit, VOC vapor pressure at the monthly average material temperature in psia, VOC throughput for the previous month and year-to-date. Records of VOC monthly average temperature are not required to be kept for unheated tanks which receive liquids that are at or below ambient temperatures.
- Emissions from tanks shall be calculated using the methods that were used to determine the MAERT limits in the permit application. Sample calculations from the application shall be attached to a copy of this permit at the plant site.
- H. Storage tanks T-112, T-113, and T-114 shall be constructed with a sloped bottom and a sump that can be emptied to less than 1 percent of the sumps nominal volume. The mesa floor tank design is an acceptable alternative for a drain dry tank. The tanks shall be constructed or equipped with a connection to a vapor recovery system that routes vapors from the vapor space under the landed roof to a control device.
- I. The dissolved hydrogen sulfide in the crude oil in storage tanks T-112, T-113, and T-114 shall not exceed 600 ppmw in any sample.
- (1) In order to demonstrate compliance with this Special Condition, the permit holder shall determine the dissolved hydrogen sulfide concentration of each crude oil stock to be stored in the storage tanks identified above. The hydrogen sulfide concentration may be determined using method ASTM UOP163-10 or ASTM D7621-14. Any additional method of sampling method and analysis used must be approved by the TCEQ.
 - (2) Sampling for hydrogen sulfide concentration shall occur monthly.
 - (3) Records of H₂S concentrations measured to meet the requirements of this condition shall be maintained at the plant site. Records shall be retained for a period of five (5) years.
- J. The following requirements apply to Coker Sludge Feed Tanks, Facility Identification Numbers (FINs) T-8010 and T-8400.
- (1) Emissions shall be vented to a Carbon Adsorption System according to the requirements of Special Condition 66.
 - (2) The tanks are limited to a maximum filling rate of 12,000 gallons per hour per tank.
 - (3) The permit holder shall maintain a record of tank throughput for the previous month and the past consecutive 12-month period for each tank.
- K. Fixed roof storage tank T-37 is authorized to store coker feed at a maximum fill rate of 6,000 bbls/hr.
- L. The following requirements apply to Storage Tank 134 (EPN T-134), Storage Tank 1001 (EPN T-1001), and Storage Tank T-2590R:
- (1) Storage Tank 134 is authorized to store gas oil having a maximum fill rate of 168,000 gal/hr.

Special Conditions

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 6

- (2) Storage Tank 1001 is authorized to store sour water having a maximum withdrawal rate of 42,000 gal/hr.
- (3) Storage Tank T-2590R is authorized to store sour water. **(10/24)**
- (4) The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all storage tanks during the previous calendar month and the past consecutive 12-month period. The record shall include tank identification number, control method used, tank capacity in gallons, name of the material stored, VOC molecular weight, VOC monthly average temperature in degrees Fahrenheit, VOC vapor pressure at the monthly average material temperature in psia, VOC throughput for the previous month and year-to-date. Records of VOC monthly average temperature are not required to be kept for unheated tanks which receive liquids that are at or below ambient temperatures.

Emissions from tanks shall be calculated using the methods that were used to determine the MAERT limits in the permit application. Sample calculations from the application shall be attached to a copy of this permit at the plant site.

- 10. The following requirements apply to liquid storage tanks storing those products identified in Special Condition 14 authorized for marine loading.
 - A. The holder of this permit shall install and maintain a temperature monitor to monitor the bulk liquid temperature of the liquid stored in the tank. The bulk liquid temperature shall be continuously monitored and the temperature shall be recorded prior to each loading occurrence as defined in Special Condition 14.D.
 - B. The temperature monitor shall be installed, calibrated or have a calibration check performed at least annually, and maintained according to the manufacturer's specifications. The device shall have an accuracy of ± 3.00 percent of the temperature being measured expressed in degrees Fahrenheit or $\pm 3^{\circ}\text{F}$.

Quality assured (or valid) data must be generated when the tank is operating. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the tank operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.
 - C. For storage tanks in Residual Oil or Lube Oil service, the permit holder may assume an emission rate of 1 lb/hr for each loading occurrence as defined in Special Condition 14.D when calculating the total calculated VOC emission rate (ER) specified in Special Condition 14.C in lieu of temperature monitoring specified in this condition.
- 11. Opacity of emissions from tanks used to store residual oil (resid) shall not exceed 15 percent averaged over a six-minute period, as determined by a certified observer using EPA Test Method 9.
- 12. All external floating roof storage tank slotted guide/gauge poles shall be equipped with a gasketed sliding cover, a pole wiper and either (1) a pole sleeve or (2) a float.

Railcar Loading

- 13. The following requirements apply to Butane Railcar Loading (EPN C-RCVENT):

- A. The loading of butanes into railcars shall be conducted under pressurized conditions and shall not result in the release of any routine VOC emissions.
- B. Post-loading venting/depressurization of railcar loading hoses and railcar vapor return hoses, as well as pre-loading purging of railcars that arrive to the facility with elevated pressures shall be routed to the VCU (EPN C-RCVENT) control device having a VOC DRE of 99%.
- C. The permit holder shall maintain and update a monthly emissions record which indicates the calculated emissions of VOC from all railcar post-loading hose depressurization activities and all pre-loading railcar depressurization activities. Emissions shall be calculated using the methods used to determine the emissions calculations represented in the permit amendment, PI-1 dated April 28, 2022. **(11/22)**
- D. All lines and connectors shall be visually inspected for any defects prior to hookup. Lines and connectors that are visibly damaged shall be removed from service. Operations shall cease immediately upon detection of any liquid leaking from the lines or connections.
- E. In order to ensure 100% capture efficiency during railcar loading, the following requirements must be met:
 - (1) Each railcar to be loaded shall be pressure certified by Department of Transportation (DOT) Class DOT-111AW or Class DOT-115AW testing or equivalent within the past 12 months prior to loading. The holder of this permit shall not allow a railcar to be loaded unless it has provided a certificate which shows the date the railcar last passed the leak-tight test required by this condition and the identification number of the railcar. Records of the date on which the testing was performed and the test method used shall be maintained for each railcar loaded.
 - (2) Hard-piped or bolted connections, and/or dry lock design hard piped loading arms shall be used for all pressurized loading operations.
 - (3) Each railcar to be loaded shall be designed to handle a pressure of 15 psi gauge or greater.
 - (4) Each railcar to be loaded shall not be equipped with a spew gauge.

Marine Loading

14. The following limits apply to marine loading of ocean-going vessels and inland barges. For purposes of this permit ocean-going vessels include ships and ocean barges.
 - A. The loading of liquids having a vapor pressure less than 0.5 psia to ocean-going vessels and inland barges are limited to the products identified below at the rates indicated. **(11/22)**

Table 1. Marine loading rates for materials less than 0.5 psia. (01/24)

Compound	Maximum Combined Loading Rate for Ocean-Going Vessels (bbls/hr)	Maximum Combined Loading Rate for Inland Barges (bbls/hr)
Kerosene/Jet Fuel	25,000	5,000
Diesel/Light Cycle Oil (LCO)	25,000	5,000
Heavy Gas Oil	8,000	8,000
Residual Oil	6,000	6,000

Compound	Maximum Combined Loading Rate for Ocean-Going Vessels (bbls/hr)	Maximum Combined Loading Rate for Inland Barges (bbls/hr)
Lube Oil	6,700	6,700
Carbon Black Oil	6,700	6,700
Renewable Diesel	22,000	8,000
Renewable Jet Fuel*	22,000	8,000

*Renewable Jet Fuel includes Sustainable Aviation Fuel (SAF) Blendstock (synthetic paraffinic kerosene) or Final SAF Product ("aircraft-ready SAF jet fuel), or a mixture of the two.

B. The following requirements apply to loading of products having a vapor pressure greater than or equal to 0.5 psia at 95°F to ocean-going vessels and inland barges.

- (1) Collected vapors from all marine loading shall be routed to the marine vapor combustor.
- (2) The total combined loading rate is limited to no more than 25,000 bbls/hr.
- (3) Loading is limited to the liquids identified below at the rate indicated:

Table 2. Marine loading rates for materials greater than 0.5 psia

Compound	Maximum Combined Loading Rate for Ocean-Going Vessels (bbls/hr)	Maximum Combined Loading Rate for Inland Barges (bbls/hr)
Gasoline/Gasoline Blendstocks	25,000	5,000
Naphtha	25,000	5,000
Reformate	25,000	5,000
Raffinate	25,000	5,000
Benzene Concentrate	0	5,000
Pyrolysis Gasoline*	500	500
Cyclohexane*	4,800	4,800
Renewable Naphtha	25,000**	10,000**
1-Hexene*	635**	670**

*Increase in these throughputs or loading of other compounds for the adjacent company will require approval of the TCEQ Executive Director through permit action

**Throughputs authorized by PBR registration number 156245

- (4) The loading of Pyrolysis Gasoline is limited to a total combined loading rate of 500 bbls/hr and 200,000 bbls/yr on a rolling 12-month basis.
- (5) The loading of Cyclohexane is limited to a total combined loading rate of 4800 bbls/hr and 1,650,000 bbls/yr on a rolling 12-month basis.
- (6) Gasoline Blendstocks include those blendstocks having a short-term Effects Screening Level (ESL) of at least 3500 micrograms per cubic meter. Records of each blendstock loaded including the blendstock name, CAS number, and the short-term ESL shall be maintained and made available upon request.

- (7) The loading of 1-Hexene is limited to a total combined loading rate of 670 bbls/hr and 1,000,000 bbls/yr on a 12-month basis.
- C. Compliance with the short-term (hourly) maximum allowable VOC emission rate limits for dock loading fugitives (EPN C-DOCKUN) and the Dock VCU (EPN E-MC-24-25) during periods of loading of authorized products to authorized vessel types shall be determined using the following equation:

$$ER = \sum L_L (i) * FR(i) * \text{Actual TVP}_A (i) / \text{Reference TVP}_R (i) * \text{Reference Temperature } T_R (j) / \text{Actual Temperature } T_A (i)$$

ER = The total calculated VOC emission rate (lb/hour) for all loading occurrences based on the combination of vessel type and product loaded for each loading occurrence during the loading event (lb/hour).

L_L = Loading Loss Factor (lb/Mbbl) for the combination of product and vessel type being loaded from Table 3.

FR = Volume loaded for each vessel type and product loaded in each hour (Mbbls/hr).

$\text{Actual TVP}_A / \text{reference TVP}_R$ = the ratio of the actual True Vapor Pressure of the liquid being loaded (psia) to the reference True Vapor Pressure from Table 3. For products other than gasoline, reformat, raffinate (including gasoline blendstocks) or kerosene/jet, the ratio ($\text{Actual TVP}_A / \text{Reference TVP}_R$) may be assumed to be equal to 1 provided the actual bulk liquid temperature does not exceed the reference temperature for the product.

$\text{Reference Temperature } T_R / \text{Actual Temperature } T_A$ = the ratio of the reference liquid temperature from Table 3 to the actual bulk liquid temperature. Reference Temperature T_R ($^{\circ}\text{F} + 460$) = the liquid temperature at which the L_L (lbs/Mbbl) is calculated. Actual Temperature, T_A , ($^{\circ}\text{F} + 460$) = the actual bulk liquid temperature at which the product is loaded. For products other than gasoline, reformat, raffinate (including gasoline blendstock) or kerosene/jet the ratio ($\text{Reference Temperature, } T_R / \text{Actual Temperature, } T_A$) may be assumed to be equal 1 provided the actual bulk liquid temperature does not exceed the reference temperature for the product.

- D. For purposes of this permit, a loading occurrence is defined as the loading of an authorized product to an authorized vessel type. A loading event is defined as one or more loading occurrences. A new loading event is defined by the additional of any new loading occurrences.
- E. Prior to the start of each loading occurrence, the permit holder shall determine the maximum loading rate for each combination of product loaded and vessel type that will occur within the loading event from the method identified in paragraph c and data contained in Table 3; "Marine Loading Factors" in order to demonstrate compliance with the maximum short-term maximum loading rate for controlled and uncontrolled emissions from marine loading. The maximum loading rate calculated for each occurrence will not be exceeded during the event. At no time shall the loading rates for any product exceed those specified in paragraphs A and B of this condition. **(11/22)**

Table 3: Marine Loading Factors (01/24)

Product	Reference TVP	Reference Temp.	Uncontrolled (EPN C-DOCKUN)		Controlled (EPN E-MC-24-25)	
	P	T	Ocean Going Vessels	Inland Barges	Ocean Going Vessels	Inland Barges
	psia	F°	lb/Mbbl	lb/Mbbl	lb/Mbbl	lb/Mbbl
Gasoline/Gasoline Blendstocks	11.0	105	1.264	0	1.264	3.160
Pyrolysis Gasoline	11.0	105	1.264	0	1.263	3.158
Naphtha	3.47	105	0.514	0	0.514	1.285
Reformate	11.0	105	1.264	0	1.264	3.160
Raffinate	5.78	105	0.729	0	0.729	1.821
Benzene Conc	5.25	105	N/A	0	N/A	1.899
Cyclohexane	3.64	105	0.568	0	0.568	1.42
Kerosene/Jet	0.163	105	3.917	9.792	0	0
Diesel/LCO	0.025	105	0.602	1.505	0	0
Heavy Gas Oil	0.158	105	0.469	1.173	0	0
Residual Oil	0.0002	105	0.008	0.019	0	0
Lube Oil	0.0002	105	0.008	0.019	0	0
Carbon Black Oil	0.0002	105	0.008	0.019	0	0
Renewable Diesel	0.0249	100	0.604	1.510	0	0
Renewable Naphtha	10.72	100	0.150	0.376	1.502	3.755
Renewable Jet*	0.141	100	3.436	8.591	0	0

*Renewable Jet Fuel includes Sustainable Aviation Fuel (SAF) Blendstock (synthetic paraffinic kerosene) or Final SAF Product ("aircraft-ready SAF jet fuel), or a mixture of the two.

- F. In lieu of paragraph E of this condition, the permit holder may develop and maintain a record of loading events of vessel types, products, and maximum loading rate that have been determined to demonstrate compliance with maximum short-term VOC loading emissions using the method in paragraph C with the data contained in Table 3. The record and associated data and calculations used to demonstrate compliance for the loading event shall be kept and made available upon request.
 - G. The permit holder shall maintain a record of all monitored parameters and calculations, or record maintained as compared to the current loading event.
15. All marine loading at the site is subject to the following conditions:
- A. All lines and connectors shall be visually inspected for any defects prior to hookup. Lines and connectors that are visibly damaged shall be removed from service. Operations shall cease immediately upon detection of any liquid leaking from the lines or connections.
 - B. All shore-based equipment is subject to the piping fugitive emissions monitoring requirements of Special Condition 59. Shore-based equipment includes (but is not limited to) all equipment such as loading arms, pumps, meters, shutoff valves, relief valves, and other piping and valves between the inland barge marine loading facility and the vapor recovery system and between the marine loading facility and the associated land-based storage tanks

- C. Collected vapors from loading liquids having a vapor pressure greater than or equal to 0.5 psia to marine vessels shall be routed to the marine vapor combustors (EPN E-MC-24-25).
16. Unless otherwise specified in this permit, all vapors associated with negative pressure loading of non-inerted marine vessels, including inland barges as allowed under USCG regulations with liquids having a vapor pressure greater than or equal to 0.5 psia at 95°F shall be routed through a vacuum-assisted collection system as specified below. **(03/25)**
- A. Non-inerted marine vessels shall not be loaded unless the vapor collection system is properly connected, and the entire collection system is working as designed.
 - B. A blower system shall be installed to produce a vacuum in the non-inerted marine vessels during all loading operations. A pressure/vacuum measurement device shall be installed as close as possible to the vessel's vapor return port to continuously monitor and record the vacuum pressure while loading is taking place. Loading shall not occur unless there is a vacuum of at least 1.5-inch water column being maintained by the vacuum-assist vapor collection system while loading is occurring. The monitor shall be calibrated or have a calibration check performed on an annual basis to meet an accuracy of ± 1.0 mm Hg.
 - C. Quality-assured (or valid) data must be generated when barge loading is occurring. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that barge loading is occurring over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.
 - D. Vacuum data shall be recorded every 6 minutes or less while loading is occurring.
17. The following additional requirements apply to loading of a VOC represented at 99% collection efficiency and has a vapor pressure equal to or greater than 0.5 pounds per square inch absolute (psia) under actual storage conditions onto inerted marine vessels (inerted ships and inerted ocean-going barges). **(03/25)**
- A. Before loading, the owner or operator of the marine terminal shall verify that the marine vessel has passed an annual vapor tightness test as specified in 40 CFR §63.565(c) (September 19, 1995) or 40 CFR §61.304(f) (October 17, 2000) within the previous twelve months.
 - B. The pressure at the vapor collection connection of an inerted marine vessel must be maintained such that the pressure in a vessels' cargo tanks do not go below 0.2 pounds per square inch gauge (psig) or exceed 80% of the lowest setting of any of the vessel's pressure relief valves. The lowest vessel cargo tank or vent header pressure relief valve setting for the vessel being loaded shall be recorded. Pressure shall be continuously monitored while the vessel is being loaded. Pressure shall be recorded at fifteen-minute intervals.
 - C. VOC loading rates shall be recorded during loading. The loading rate must not exceed the maximum permitted loading rate.
 - D. During loading, the owner or operator of the marine terminal or of the marine vessel shall conduct audio, olfactory, and visual (AVO) checks for leaks once every 8 hours for onshore equipment and on board the ship.

- (1) If a liquid leak is detected during loading and cannot be repaired immediately (for example, by tightening a bolt or packing gland), then the loading operation shall cease until the leak is repaired.
 - (2) If a vapor leak is detected by sight, sound, smell, or hydro gas analyzer during the loading operation, then a "first attempt" shall be made to repair the leak. Loading operations need not be ceased if the first attempt to repair the leak is not successful provided that the first attempt effort is documented by the owner or operator of the marine vessel and a copy of the repair log is made available to a representative of the marine terminal.
 - (3) If the attempt to repair the leak is not successful and loading continues, emissions from the loading operation for that ship shall be calculated assuming a collection efficiency of 95%.
- E. Date and time of each AVO inspection shall be noted in the operator's log or equivalent. Records with date, time and signature of operator shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be made available to representatives of the Texas Commission on Environmental Quality (TCEQ) upon request.
18. The permit holder shall maintain and update a monthly emissions record which includes calculated emissions of VOC from all loading operations over the previous rolling 12-month period. The record shall include the loading spot, type of marine vessel loaded, control method used, quantity loaded in gallons, name of the liquid loaded, vapor molecular weight, liquid temperature in degrees Fahrenheit, liquid vapor pressure at the liquid temperature in psia, liquid throughput for the previous month and rolling 12 months to date. Records of VOC temperature are not required to be kept for liquids loaded from unheated tanks which receive liquids at or below ambient temperatures. Emissions shall be calculated using the methods represented in the permit amendment PI-1 dated August 10, 2017.

Fluidized Catalytic Cracking Unit (FCCU)

19. Emissions from the FCCU Wet Gas Scrubber (Emission Point No. [EPN] E-01-WGS) shall not exceed the following:
 - A. Opacity of shall not exceed 20 percent averaged over a six-minute period, as determined by a certified observer using EPA Test Method 9.
 - B. The SO₂ concentration from the FCCU to the atmosphere shall be no greater than 25 ppmvd measured as a 365-day rolling average and 50 ppmvd measured as a 7-day rolling average, both at 0 percent O₂.
 - C. The NO_x concentration from the FCCU to the atmosphere shall be no greater than 50 ppmvd measured as a 365-day rolling average and 100 ppmvd measured as a 7-day rolling average both at 0 percent O₂. The beginning date of the averaging periods for these limits is January 1, 2014.
 - D. The emissions of sulfuric acid (H₂SO₄) from the FCCU to the atmosphere shall be tracked by monitoring the coke burn rate and applying the represented H₂SO₄ factor of 0.288 pounds per 1,000 pounds of coke burned (lb/1000 lb) on a 365-day rolling average.

- E. The emissions of particulate matter shall be limited to one (1) pound per 1,000 pounds of coke burned (front half only according to Method 5B or 5F, as appropriate), measured as a one-hour average over three performance test runs.
 - F. The emissions of carbon monoxide shall be limited to 500 ppmvd (at 0% O₂), measured as a one-hour block average.
20. Quality-assured (or valid) data must be generated when the FCCU is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the FCCU operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgement and the methods used recorded.
21. The FCCU Wet Gas Scrubber (EPN: E-01-WGS) shall demonstrate compliance with the most recent alternative monitoring plan (AMP) and exemption from continuous emissions monitoring requirements (ECEMR) requests approved by EPA and/or TCEQ as provided by 40 CFR 60.13(i)(1), 40 CFR 63.1573(e), and 30 TAC 111.111(a)(3).

Cooling Towers

22. Cooling Towers shall be monitored as follows:
- A. The VOC associated with cooling tower water shall be monitored monthly with an air stripping system meeting the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition) or an approved equivalent sampling method. The monitoring results, cooling water flow rate, and maintenance activities on the cooling water system shall be recorded.
 - B. The cooling water for Cooling Tower Nos. E-CT-136A, E-CT-136B, E-CT-366, and E-CT-446 shall be sampled once a week for total dissolved solids (TDS). Dissolved solids in the cooling water drift are considered to be emitted as particulate matter.
 - C. Cooling tower 432 (EPN E-CT-432) and the heat exchanger system shall be operated and monitored in accordance with the following: **(10/24)**
 - (1) The cooling tower water shall be monitored at least monthly for VOC leakage from heat exchangers in accordance with the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition) or another air stripping method approved by the TCEQ Executive Director.
 - (2) Cooling tower water VOC concentrations above 0.08 ppmw indicate faulty heat exchange equipment. Equipment shall be maintained so as to minimize VOC leaks into the cooling water. Faulty equipment shall be repaired at the earliest opportunity but no later than the next scheduled shutdown of the process unit in which the leak occurs. Emissions from the cooling tower are not authorized if the VOC concentration of the water returning to the cooling tower exceeds 0.8 ppmw. The VOC concentrations above 0.8 ppmw are not subject to extensions for delay of repair under this permit condition. The results of the monitoring and maintenance efforts shall be recorded.
 - (3) Drift eliminators which have a manufacturer's design assurance of 0.001% drift or less shall be installed for cooling tower 432 (EPN E-CT-432) no later than December 31, 2026. Prior to the completion of the drift eliminator upgrades noted in this condition,

cooling tower 432 shall be equipped with drift eliminators having a manufacturer's design assurance of 0.02% drift or less for cells A-C, and 0.001% drift or less for cell D. After completion of the drift eliminator upgrades noted in this condition, cooling tower 432 shall be equipped with drift eliminators having manufacturer's design assurance of 0.001% drift or less for all cells (A-D). Drift eliminators shall be maintained and inspected at least annually. The permit holder shall maintain records of all inspections and repairs.

- (4) Total dissolved solids (TDS) shall not exceed 2,500 parts per million by weight (ppmw). Dissolved solids in the cooling water drift are considered to be emitted as PM, PM₁₀, and PM_{2.5} as represented in the permit application calculations.
 - (5) Cooling water shall be sampled at least once per week for TDS.
 - (6) A sample of cooling tower water shall be taken from the circulated water stream(s) entering the cooling tower. The analysis shall be conducted using the approved methods below:
 - (a) The analysis method for TDS shall be EPA Method 160.1, ASTM D5907, and SM 2540 C [SM - 19th edition of Standard Methods for Examination of Water]. Water samples should be capped upon collection and transferred to a laboratory area for analysis.
 - (b) Alternate sampling and analysis methods may be used to comply with D(1) with written approval from the TCEQ Regional Director. If approved by the TCEQ Regional Director, the permit holder shall submit a permit application to incorporate the alternative sampling and analysis method into the permit within 2 months of the date of written approval.
 - (c) Records of all instrument calibrations and test results and process measurements used for the emission calculations shall be retained.
 - (7) Emission rates of PM, PM₁₀ and PM_{2.5} shall be calculated using the measured TDS, the design drift rate and the daily maximum and average actual cooling water circulation rate for the short term and annual average rates. Alternately, the design maximum circulation rate may be used for all calculations. Emission records shall be updated monthly.
 - (8) The actual cooling water circulation rate shall be measured at least hourly. Measurements shall be reduced to an hourly average and recorded for use in emission calculation.
23. The following requirements shall apply to Cooling Towers E-CT-446, and E-CT-433 upon startup of the DCU 844 represented in Coker Project, PI-1 dated February 27, 2017.
- A. The VOC associated with cooling tower water shall be monitored monthly with an air stripping system meeting the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition) or an approved equivalent sampling method.
 - B. Cooling tower water VOC concentrations above 0.08 ppmw indicate faulty equipment. Equipment shall be maintained so as to minimize VOC emissions into the cooling water. Faulty equipment shall be repaired at the earliest opportunity but no later than the next scheduled shutdown of the process unit in which the leak occurs.

Emissions from the cooling tower are not authorized if the VOC concentration of the water returning to the cooling tower exceeds 0.8 ppmw. VOC concentrations above 0.8 ppmw are not subject to extensions for delay of repair under this permit condition.

- C. The results of the monitoring, cooling water flow rate and maintenance activities on the cooling water system shall be recorded. The monitoring results and cooling water hourly mass flow rate shall be used to determine cooling tower hourly VOC emissions. The rolling 12-month cooling water emission rate shall be recorded on a monthly basis and be determined by summing the VOC emissions between VOC monitoring periods over the rolling 12-month period. The emissions between VOC monitoring periods shall be obtained by multiplying the total cooling water mass flow between cooling water monitoring periods by the higher of the 2 VOC monitored results.
- D. The cooling towers shall be operated and monitored in accordance with the following:
 - (1) Each cooling tower shall be equipped with drift eliminators having manufacturer's design assurance of 0.001% drift or less. Drifts eliminators shall be maintained and inspected at least annually. The permit holder shall maintain records of all inspections and repairs.
 - (2) Total dissolved solids (TDS) shall not exceed 2,500 parts per million by weight (ppmw). Dissolved solids in the cooling water drift are considered to be emitted as PM, PM₁₀, and PM_{2.5} as represented in the permit application calculations.
 - (3) Cooling water shall be sampled at least once per week for TDS.
 - (4) Cooling water sampling shall be representative of the cooling tower feed water and shall be conducted using approved methods.
 - (a) The analysis method for TDS shall be EPA Method 160.1, ASTM D5907, and SM 2540 C [SM - 19th edition of Standard Methods for Examination of Water]. Water samples should be capped upon collection and transferred to a laboratory area for analysis.
 - (b) Alternate sampling and analysis methods may be used to comply with B(4)(a) with written approval from the TCEQ Regional Director.
 - (c) Records of all instrument calibrations and test results and process measurements used for the emission calculations shall be retained.
- E. Emission rates of PM, PM₁₀ and PM_{2.5} shall be calculated using the measured TDS, the design drift rate and the daily maximum and average actual cooling water circulation rate for the short term and annual average rates. Emission records shall be updated monthly.
- F. The actual cooling water circulation rate shall be measured at least hourly. Measurements shall be reduced to an hourly average and recorded for use in emission calculation. In lieu of monitoring the actual cooling water circulation rate, the design maximum circulation rate may be used for all calculations.
- G. The permit holder shall notify the TCEQ's Regional Office within 30 days of completion the cooling towers' additional cell and/or increasing the circulation rate.

Sulfur Recovery

- 24. There shall be a minimum of 44 H₂S monitors placed throughout the sulfur recovery complexes. These monitors shall be arranged in such a way that provides coverage for wind directions varying

Special Conditions

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 16

through 360°. The monitors shall be set to alarm at a concentration of 10 ppmv and shall alarm in the control room and in the local plant area. The monitors shall be tested and calibrated at least once every three months. A diagram of the operating units and the location of the monitors shall be provided at the plant site and made available to representatives of the TCEQ upon request.

25. Each individual SRU train shall not exceed the sulfur recovery rates indicated. **(01/26)**

SRU	Train	Recovery (LTPD)
543	543	107
	300 (without oxygen enrichment)	200
	300 (with oxygen enrichment)	260
544	400	170
	500	170
545	100	260
	200	260
546	600	260
	700	260
547 (without oxygen enrichment)	800	208.5
	900	208.5
547 (with oxygen enrichment)	800	289
	900	289

The total combined sulfur recovered from the Sulfur Recovery Units (SRUs) shall not exceed 1,850 long tons per day (LTPD) on a 12-month rolling average basis.

26. The minimum sulfur recovery efficiency for the permitted Sulfur Recovery Units (SRUs) 543, 544, 545, 546, and 547 shall be 99.8 percent for air-based operations and 99.95 percent for oxygen (O₂)-based (COPE) operations. For the range of unit operations between air only and O₂ only, the required sulfur recovery efficiency shall be determined by linear interpolation between the values specified for each mode (air only, O₂ only), on the basis of the extent of volume-percent O₂ enrichment. **(10/24)**

The required sulfur recovery efficiency shall be determined by the following calculation:

$$99.8 + [0.15 \times (\text{percent-O}_2/100)]$$

The actual sulfur recovery efficiency for each unit shall be determined by the following calculation:

$$\text{Efficiency} = (\text{sulfur recovered}) \times (100) / (\text{sulfur acid gas})$$

Where:

Efficiency = sulfur recovery efficiency, percent

Sulfur recovered = (sulfur acid gas-sulfur stack), pounds per hour (lbs/hr)

Sulfur acid gas = sulfur in acid gas stream, lbs/hr

Sulfur stack = sulfur in incinerator stack, lbs/hr

The average sulfur emission reduction efficiency (sulfur recovery efficiency) shall be demonstrated for each 24-hour period by a mass balance calculation using data obtained daily from the incinerator stack sulfur dioxide (SO₂) monitor, daily sulfur production records, and other daily process flow data. The daily sulfur recovery efficiencies shall be calculated on a monthly basis. Records and copies of the compliance calculations shall be maintained and retained not less than 5 years.

27. All waste gas streams from the Shell Claus Off-Gas Treating Unit (SCOT) amine regeneration units containing H₂S and/or VOC shall be routed to the SRUs.

28. The sour water storage tanks shall be subject to the following conditions:

A. Tank Nos. 78, 88, 2588, 2590R, and 1001 shall be used as sour water storage tanks. **(10/24)**

B. The sour water storage tanks shall be continuously monitored for hydrocarbon layer (HL) thickness by electronic gauge when in service. Low-level alarms, to be activated at HL thicknesses of six inches, respectively, shall be incorporated into the gauge system. Records of all low HL alarms shall be maintained.

Quality assured (or valid) data must be generated when the HL thickness monitor is operating. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the tank operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

C. Thirteen feet of sour water shall be maintained in a sour water storage tank when in service. If the sour water level is discovered at or below 13 feet, steps shall be taken to restore the sour water level back to the 13-foot level no later than 24 hours after discovery, unless the tank is being taken out of service. Records of the date and time of discovery of a low sour water level and date and time the sour water level is restored to a minimum of 13 feet shall be maintained. Any automated monitoring system used to demonstrate compliance with this condition shall be calibrated and maintained according to manufacturer's specifications.

D. The sour water storage tank system shall be maintained by either of the following methods:

(1) A minimum sour water retention time of 2.0 days in conjunction with a hydrocarbon detection and flow diversion system designed to prevent hydrocarbon carryover to the SRUs by routing sour waters with unacceptable levels of hydrocarbons to the tanks listed in A of this condition. Retention time shall be calculated and recorded daily using the daily average combined tank volume of all sour water tanks and the daily average combined feed rates to the sour water strippers.

(2) A minimum sour water retention time of 3.0 days

- E. Holdup (excess) capacity is sour water tank capacity used for sour water storage when necessary to avoid flaring of sour water stripper gas due to reduced sulfur recovery capacity. There shall be at least 3.0 days of holdup (excess) capacity available for sour water storage. The holding storage requirement shall be based on the unplanned shut down of the largest SRU and the corresponding loss of water treatment capacity.

The holdup (excess) capacity shall be restored within 21 days of the return of the SRUs and sour water system to normal operations. The daily average sour water storage tank holdup (excess) volume shall be calculated and recorded.

- F. If acid gas flaring takes place that might be traced to hydrocarbon carryover from the sour water system, the operator shall engage a third-party consultant to complete a Root Cause Failure Analysis (RCFA) within 90 days after the acid gas flaring event in question. The TCEQ Beaumont Regional Office shall be supplied with a copy of the RCFA within 10 days of it being completed. If the RCFA determines that the acid gas flaring event can be traced to sour water system hydrocarbon carryover that is partially or totally caused by inadequate retention or hold up times, the holder of this permit shall implement one of the following options within 60 days after completion of the RCFA:

- (1) The holder of this permit shall submit design information and a proposed implementation schedule to the TCEQ Office of Permitting and Registration for three days of sour water retention and hold up time based on maximum expected feed rates to the sour water strippers, or
- (2) Design information and implementation schedule of a proposed alternative other than increased sour water retention time.

- G. For periods of planned inspection/maintenance activities on the tanks listed in Paragraph A of this condition that result in one of the sour water tanks being taken out of service, the following requirements apply: **(07/25)**

- (1) The tank inspection/maintenance activities shall be completed as quickly as practicable, not to exceed 18 consecutive months, and reasonable attempts shall be made to avoid flaring of acid gases.
- (2) If the tank outage exceeds 18 months, measures shall be taken within seven days after the end of the 18-month period to restore retention time and hold up capacity to the options listed in Paragraph D of this condition.
- (3) Records of these periods and the corresponding maintenance activity including dates and durations must be maintained and made available upon request.
- (4) If acid gas flaring takes place that might be traced to hydrocarbon carryover from the sour water system, the operator shall engage a third-party consultant to complete a Root Cause Failure Analysis (RCFA) within 90 days after the acid gas flaring event in question. The TCEQ Beaumont Regional Office shall be supplied with a copy of the RCFA within 10 days of it being completed. If the RCFA determines that the acid gas flaring event can be traced to sour water system hydrocarbon carryover that is partially or totally caused by inadequate retention or hold up times, the holder of this permit shall implement one of the following options within 60 days after completion of the RCFA:
 - (a) The holder of this permit shall submit design information and a proposed implementation schedule to the TCEQ Air Permits Division for three days of sour water retention and hold up time based on maximum expected feed rates to the sour water strippers, or

- (b) Design information and implementation schedule of a proposed alternative other than increased sour water retention time.

29. The handling of the liquid sulfur product from SRU 543, SRU 544, SRU 545, SRU 546, and 547 shall be subject to the following conditions:

- A. Liquid sulfur from SRU 543, SRU 544, SRU 545, and SRU 546 will be routed to covered sulfur storage pits. The breathing vents from the sulfur storage pits shall be routed to a TGI or to the front end of a Claus reactor.

Liquid sulfur shall be degassed to an H₂S content of 100 ppmw or less prior to loading into tank trucks. The effluent from the liquid sulfur being degassed shall be routed to the front end of a Claus reactor.

- B. Liquid sulfur from SRU 547 shall be degassed to an H₂S content of 100 ppmw or less prior to loading into sulfur storage tank 8002. The effluent from the liquid sulfur being degassed shall be routed to the front end of a Claus reactor. During periods that the sulfur degasser is out of service due to planned startup and shutdown, the H₂S concentration of liquid sulfur shall not exceed 200 ppmw prior to loading into storage tank 8002. Shutdown of the sulfur degasser due to scheduled maintenance is limited to no more than 10 days per rolling 12-month period. Records of scheduled sulfur degasser maintenance downtime shall be maintained.

- C. For the purpose of determining compliance with Paragraph A and B of this condition, the holder of this permit shall perform at his or her expense sampling and other testing as required to determine the H₂S content of the liquid sulfur prior to degassing (ppmw) and to demonstrate compliance with the 100 ppmw degassed concentration. The SRU degasser shall operate at maximum rate during sampling. Sampling method is conducted by use of FTIR Analysis. If the degasser is unable to operate at maximum rates during testing, then future production rates may be limited to the rates established during testing. Additional stack testing may be required if the rate exceeds the tested rate by more than 10 percent. The TCEQ Executive Director or designated representative shall be afforded the opportunity to observe all such sampling.

Alternate monitoring or sampling requirements that are equivalent or better may be approved by the TCEQ Regional Manager. Alternate requirements must be approved in writing before they can be used for compliance purposes.

- D. The sampling required in Paragraph C of this condition shall occur within 30 days after each SRU degassing system starts operation and, after that, sampling shall occur at least once every 12 months. The H₂S concentration of liquid sulfur prior to degassing shall be determined from each source of liquid sulfur at least once every 12 months. Within 30 days after such sampling is completed, copies of the final sampling report shall be forwarded to the TCEQ Beaumont Regional Office.
- E. The permit holder shall sample the vapor space of sulfur storage tank 8002 and a tank truck receiving liquid sulfur from each storage pit being loaded with liquid sulfur for H₂S using stain tubes monthly. The sampling procedure used for the stain tube testing shall be using American Society for Testing and Materials (ASTM) method D4913. Records of the monthly sampling shall be kept.
- F. No more than 180 long tons of sulfur may be loaded to trucks in any one hour at each of the sulfur loading racks. (EPNs E-03-SRK)
- G. Records shall be maintained of each truck loaded including weight of sulfur loaded.

30. The sulfur recovery complexes shall be operated and maintained such that there is no period greater than 24 hours where at least 200 long tons per day of sulfur recovery capacity is held in reserve and immediately available, except as noted below.

Operation for greater than 24 hours without the reserve capacity is only allowed during periods of maintenance and repair of sulfur recovery equipment. The TCEQ Beaumont Regional Office shall be informed prior to all such periods of operation.

31. Sulfur load shedding plans shall be revisited daily to reflect refinery activity.
32. Tail Gas Incinerators shall operate with no less than 99.9 percent efficiency (on an hourly average) in disposing of the acid waste gas captured by the collection system or the hydrogen sulfide (H_2S) in the exhaust shall not exceed 5.0 parts per million by volume, dry (ppmvd) (corrected to 3 percent O_2) on an hourly average. TGI operation and H_2S emissions shall be monitored and maintained in accordance with Paragraph A or B below.

- A. The TGI firebox exit temperatures and O_2 concentrations shall be continuously monitored and recorded. The temperature measurement device shall reduce the temperature readings to an averaging period of six minutes or less and record it at that frequency. The temperature monitor shall be installed, calibrated at least annually, and maintained according to the manufacturer's specifications. The device shall have an accuracy of the greater of ± 2 percent of the temperature being measured expressed in degrees Celsius or $\pm 2.5^\circ\text{C}$.

Quality-assured (or valid) data must be generated when waste gas is being fed to the TGI except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the TGI operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgement and the methods used recorded.

The TGI shall be operated with not less than the O_2 concentration maintained during the last satisfactory stack test performed in accordance with Special Condition 52. The firebox chamber six-minute average temperature shall be maintained above the hourly average temperature maintained during the last satisfactory stack test performed in accordance with Special Condition 52.

- B. The permit holder shall operate a continuous emissions monitoring system (CEMS) to monitor H_2S concentrations and emission rates. The CEMS shall meet the requirements of Special Condition No. 54. The hourly average H_2S exhaust concentration shall be maintained at less than 5.0 ppmvd (corrected to 3 percent O_2) when monitoring the incinerator this way.
- C. The follow additional requirements apply to SRU 547 (EPN E-05-SCOT):
- (1) The TGI firebox exit temperature shall be maintained at not less than 1,400 $^\circ\text{F}$ and exhaust oxygen concentration not less than 3 percent while waste gas is being fed into it prior to initial stack testing. After the initial stack test has been completed, the TGI shall be operated with not less than the oxygen concentration maintained during the last satisfactory stack test performed in accordance with Special Condition 51. The firebox chamber 6-minute average temperature shall be maintained above the hourly average temperature maintained during the last satisfactory stack test performed in accordance with Special Condition 51.

The tailgas incinerator exhaust stack flow rate shall be continuously monitored and recorded. The flow shall be recorded at least every 15 minutes and the hourly average flow rate shall be recorded. Each flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the lesser of the design value or the flow measured during the most recent stack test.

Quality assured (or valid) data must be generated when the tail gas incinerator is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the tailgas incinerator operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

- (2) Fuel gas combusted at this facility shall be sweet natural gas.
- (3) The in-stack concentration of SO₂ from the tailgas incinerator, EPN E-05-SCOT, shall not exceed the following limits during routine operation. **(10/24)**
 - (a) 250 parts per million by volume calculated on a 1-hour average on a dry and air-free basis (ppmvd).
 - (b) 97 parts per million by volume calculated on a rolling 24-hour average on a dry and air-free basis (ppmvd) updated each hour. The rolling 24-hour average concentration may exceed this limit provided it does not exceed a cumulative total of 200 hours per year.
 - (c) 100 parts per million by volume calculated on an annual average on a dry and air-free basis (ppmvd)

33. There shall be no visible emissions from the TGI stacks.

Heaters and Boilers

34. Heaters and boilers are subject to the limitations below:

- A. Heaters and boilers shall be operated with no visible emission, except for those periods described in 30 TAC § 111.111(a)(1)(E).
- B. With the exception of the period prior to initial stack testing required by Special Condition No. 51, the heaters for atmospheric and Vacuum Crude Unit 147 (AVU-147) and Diesel Hydrotreating Unit 246 (DHT-246) shall each maintain nitrogen oxide (NO_x) emissions less than or equal to 0.035 lb/MMBtu on a daily average during normal operating conditions.
- C. The NO_x and carbon monoxide (CO) emissions from Hydrocracker Unit 943 Reactor 1 and 2 Furnaces shall not exceed the following, with the exception of the period prior to initial stack testing required by Special Condition No. 51:
 - 0.035 lb NO_x/MMBtu on an hourly average,
 - 100 ppmvd CO hourly average (corrected to 3 percent O₂), and
 - 50 ppmvd CO annual average (corrected to 3 percent O₂).

Special Conditions

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 22

- D. The NO_x emission limits (in lb/MMBtu at the fuel higher heating value [HHV] for a 365-day rolling average) for the following heaters and boilers authorized by this permit required to be monitored with a CEMS are identified in the table below. The heaters and boilers shall not exceed the individual emissions limitation.

EPN	Unit Name	Description	NO _x Limit ¹
E-01-147	AVU147	AVU No. 147 F-1100	0.035
E-02-147	AVU147	AVU No. 147 F-1200	0.035
E-01-942 ²	HCU942	HCU No. 942 F-1300 Fractionator Feed Furnace and F-1000 First Stage Reactor Furnace	0.044
E-01-943 ²	HCU943	HCU 943 Reactor 1 Furnace	0.035
		HCU 943 Reactor 2 Furnace	0.035
E-02-943	HCU943	HCU 943 Fractionator Feed Furnace	0.015
E-01-146 ³	AVU146	AVU No. 146 H-101	0.080
E-02-146 ³	AVU146	AVU No. 146 H-102A and H-102B	0.080
E-01-243	GFU243	Gulfining Unit No. 243 B-301	0.050
E-01-443	HFAU443	HF Alkylolation Unit No. 443 H-1	0.060
E-01-843	DCU843	DCU No. 843 F-1000	0.060
E-02-843	DCU843	DCU No. 843 F-2000	0.060
E-03-843	DCU843	DCU No. 843 F-3000	0.060
E-01-1344	CRU1344	CRU No. 1344 Heater H-1	0.070
E-03-1344	CRU1344	CRU No. 1344 Heaters H-2 and H-32	0.060
E-01-BH 15	BH15	Boiler House 15 BLR 41	0.060
E-02-BH 15	BH15	Boiler House 15 BLR 42	0.060
E-03-BH 15	BH15	Boiler House 15 BLR 43	0.060
E-01-BLR	Steam Boiler	Steam Boiler	0.015

¹in lb/MMBtu, HHV, 365 day rolling average

²Compliance will be demonstrated with combined stack CEMS.

³NO_x limits shall supersede limits listed in Special Condition 34.C before the start of DCU 844 represented in the Coker Project, PI-1 dated February 27, 2017. The permit holder shall notify the TCEQ's Regional Office of the low NO_x burners' installation within 30 days of completion.

NO_x emission limits (in lb/MMBtu, HHV) for the following heaters and boilers authorized by this permit are identified in the table below. The heaters and boilers shall not exceed the individual emissions limitation.

EPN	Unit Name	Description	NO _x Limit ¹
E-01-241	GFU241	Gulfining Unit No. 241 B-101	0.045
E-01-242	GFU242	Gulfining Unit No. 242 B-201	0.065
E-02-1344	CRU1344	CRU No. 1344 Heater H-33	0.040

Special Conditions

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 23

EPN	Unit Name	Description	NO _x Limit ¹
¹ in lb/MMBtu, HHV			

- E. Heaters and boilers are prohibited from burning or combusting fuel oil. For purposes of this paragraph, fuel oil is predominately in the liquid phase at the point of combustion with a sulfur content greater than 0.05% by weight.
35. The following requirements shall apply to the DCU 844 Coker Furnace #1 (EPN E-01-844), DCU 844 Coker Furnace #2 (EPN E-02-844), Hydrocracker Unit 943 Fractionator Feed Furnace (EPN E-02-943), Heater 146-H101 (EPN E-01-146), and Heaters AVU No. 146 H-102A and H-102B (EPN E-02-146).
- A. NO_x, CO, and ammonia (NH₃) emissions from DCU 844 Coker Furnace #1 (EPN E-01-844), DCU 844 Coker Furnace #2 (EPN E-02-844), and Steam Boiler (EPN E-01-BLR) shall not exceed the following, with the exception of the period prior to initial stack testing required by Special Condition No. 51.
- 0.015 lb NO_x/MMBtu on an hourly average,
- CO emissions shall not exceed the 100 ppmv CO on an hourly average and 50 ppmv on an annual average basis (corrected to 3 percent O₂).
- 10 ppmvd NH₃ hourly average (corrected to 3 percent O₂)
- B. Following heater modifications associated with the Coker Project, PI-1 dated February 27, 2017 NO_x, CO, and NH₃ emissions from the Hydrocracker Unit 943 Fractionator Feed Furnace (EPN E-02-943) shall not exceed the following.
- 0.015 lb NO_x/MMBtu on an hourly average,
- CO emissions shall not exceed the 100 ppmv CO on an hourly average (corrected to 3 percent O₂) and 50 ppmv on an annual average basis (corrected to 3 percent O₂),
- 10 ppmvd NH₃ hourly average (corrected to 3 percent O₂)
- C. Following heater modifications associated with the Coker Project, PI-1 dated February 27, 2017 Heater 146-H101 (EPN E-01-146), and Heaters AVU No. 146 H-102A and H-102B (EPN E-02-146) shall comply with the following.
- (1) Heaters shall be equipped with low-NO_x burners meeting the following limits:
- 0.067 lb NO_x/MMBtu on an hourly average (EPN E-01-146),
- 0.062 lb NO_x/MMBtu on an hourly average (EPN E-02-146),
- (2) CO emissions shall not exceed the 100 ppmv CO on an hourly average and 50 ppmv on an annual average basis (corrected to 3 percent O₂).
36. Fuel gas for the heaters and boilers covered under this permit shall meet the following requirements:
- A. FCCU 1241 Heaters B-103A (EPN E-01-1241) and B-103B (EPN E-02-1241) shall be fired with fuel gas containing no more than 5 grains of total sulfur per 100 dscf.

Special Conditions

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 24

- B. The fuel gas for all other combustion sources constructed, modified or reconstructed prior to April 30, 2007, shall be limited to no more than 10 grains total sulfur per 100 dscf (160 ppmv) on a three-hour rolling average.
- C. The fuel gas for the Steam Boiler (EPN E-01-BLR) shall be limited to a hydrogen sulfide (H_2S) concentration not to exceed 162 parts per million by volume, dry (ppmv) on a rolling 3-hour average, and 30 ppmv on rolling 12-month average. **(11/22)**
- D. The fuel gas for all other combustion sources constructed, modified or reconstructed on or after April 30, 2007, shall be limited to no more than 10 grains total sulfur per 100 dscf (160 ppmv) on a three-hour rolling average and to no more than 3.70 grains per 100 dscf (60 ppmv) on a 365-day rolling average.
- E. Following heater modifications associated with the Coker Project, PI-1 dated February 27, 2017, the fuel gas for the following heaters shall be limited to no more than 5.56 grains total sulfur per 100 dscf (90 ppmvd) on a one hour rolling average and to no more than 1.88 grains per 100 dscf (30 ppmvd) on a 365-day rolling average. Heaters may fire fuel gas with a sulfur content between 56 grains total sulfur per 100 dscf (90 ppmvd) and 10 grains total sulfur per 100 dscf (162 ppmv) on a one-hour average, provided it does not exceed a total of 200 hours per year for the fuel gas drum system on a rolling 12-month basis. An hour in which one or more of the fuel gas drum systems associated with the heaters listed below experiences sulfur content greater than 90 ppmvd on a one-hour rolling average shall be counted as one hour for purposes of compliance with this condition. **(10/24)**

EPNs					
E-01-844	E-01-147	E-01-244	E-01-843	E-01-943	E-03-1344
E-02-844	E-01-241	E-01-245	E-02-843	E-02-943	-
E-01-146	E-01-242	E-01-246	E-03-843	E-01-1344	-
E-02-146	E-01-243	E-01-443	E-01-942	E-02-1344	-

- F. The sulfur content and Higher Heating Value (HHV) of the fuel gas for the heaters and boilers shall be monitored as follows.
- (1) A continuous monitor shall be installed at the fuel gas mix drum in the fuel feed line header for all heaters and boilers to continuously monitor and record the gas for H_2S content of the fuel. The instrument shall be installed according to the specifications set out in 40 CFR § 60.105.
- The fuel gas from the fuel gas mix drum shall be sampled once per week to determine HHV. Test results from the fuel supplier may be used to satisfy this requirement for purchased fuel gas supplies.
- Process fuel gases that are not routed to the fuel gas mix drum shall be monitored for H_2S content and HHV prior to being used as fuel.
- On a monthly basis, the monthly average and 12-month rolling average fuel sulfur content and HHV shall be determined and records maintained. Upon request by the Executive Director of the Texas Commission of Environmental Quality (TCEQ) or any local air pollution control program having jurisdiction, the holder of this permit shall provide a sample and/or analysis of the fuel or shall allow the air pollution control agency representatives to obtain a sample for analysis.

37. For boilers and heaters with maximum firing rates less than 40 MMBtu/hr, the permit holder shall install and operate totalizing fuel flow meters to measure the fuel gas usage for each boiler and heater and fuel usage for each shall be recorded daily.

For boilers and heaters with maximum firing rates greater than 40 MMBtu/hr, the permit holder shall install and operate totalizing fuel flow meters to measure the fuel gas usage for each boiler and heater and fuel usage for each shall be recorded hourly.

Each totalizing fuel flow meter shall be calibrated at a frequency in accordance with the manufacturer's specifications or at least annually, whichever is more frequent, and shall be accurate to within 5 percent of the unit's maximum flow.

Quality-assured (or valid) data must be generated when the boiler or heater is operating. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the boiler or heater operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

On a monthly basis, the monthly average and 12 month rolling average fuel usage for each boiler and heater shall be determined and records maintained.

HF Emission Control

38. The HF detection paint shall be used on all potential fugitive sources and possible leak sites. After a HF leak has impacted and become visible on the HF detection paint, the permit holder shall clean and repaint the affected area no later than 30 days after repairing the HF leak. If there is a problem with HF sensitive paint availability, the holder of this permit shall notify the TCEQ Beaumont Regional Office and request additional time for painting or request alternate leak detection methods pending availability of the HF sensitive paint.
39. In the event of an HF release which may have the potential for off-site impacts, the holder of this permit shall implement the procedures outlined in the emergency contingency and response plans.
40. There shall be no overhead work in the HF process unit where equipment is being lifted over unprotected vessels or lines without first completing a safe work checklist in accordance with Occupational Safety and Health Administration Process Safety Management rules. The safe work checklist shall be used to ensure that every effort is made to minimize the potential for an accident that would result in loss of integrity of HF-containing equipment.

Delayed Coking Units

41. The following operational restrictions apply to the delayed coking units (EPNs E-CSV-843 and E-CSV-844)
- A. No more than one coke drum from each coker may be opened to the atmosphere to depressurize, drain, and remove coke per hour.

- B. No more than 2232 drum cycles from Coker 843 and 1291 drum cycles from Coker 844 (i.e., drum depressurizations to atmosphere and drum openings) may occur per year on a rolling twelve-month average.
- C. Prior to depressuring a drum to atmosphere, the drum shall be routed to a closed blowdown system which recovers and directs the gas flows to the coker fractionator or to the fuel gas system.
- D. The permit holder shall install, operate, calibrate, and maintain a pressure monitor capable of determining the coke drum vessel pressure for each coke drum. The monitor shall be calibrated annually or have a calibration check performed on an annual basis to meet an accuracy ± 0.5 psig.
- E. Coke drums from Coker 843 shall not be depressurized and drained to atmosphere until the drum reaches a top or blowdown pressure of 3.50 psig based on a five-minute average and 2.4 psig or less based on a 60-event rolling average with a 5-minute average per event.
- F. Coke drums from Coker 844 shall not be depressurized and drained to atmosphere until the drum reaches a top or blowdown pressure of 2.0 psig or less based on a 5-minute average.
- G. The permit holder shall maintain a record of the number of cycles for each coker for the previous calendar month and the past consecutive 12-month period. Records of the coke drum pressure prior to depressurizing to atmosphere for each event shall be maintained to verify compliance with this condition.

Coke Handling, Storage, and Loading

- 42. Cutting of coke from the coking drums at the delayed coking complex shall be accomplished by the use of high-pressure water. Coke shall be shipped only by railcar, truck, or marine vessel.
- 43. The coke transfer rate from Coker 843 upstream of the active stockpile shall not exceed 2,000 tons per hour (tph). The coke transfer rate downstream of the active stockpile shall not exceed 3,500 tph. Upon start-up of the Coker Project, PI-1 dated February 27, 2017, the coke transfer rate from Cokers 843 and 844 upstream of the active stockpile shall not exceed 500 tph each. Rates of hourly and annual coke production and loading shall be recorded.
- 44. The footprint of the active coke stockpile shall not exceed 21.0 acres. Permanent markers shall be installed to outline the stockpile perimeter.
- 45. All coke handling conveyors and loading shall be equipped with covers and sides (partially enclosed).
- 46. Stationary water sprays shall be installed throughout the coke storage and handling facility as necessary to ensure that the minimum coke moisture contents specified in Special Condition Nos. 47 and 48 are maintained to achieve control of coke dust emissions. These water sprays shall be maintained in an operable condition at all times and shall be operated prior to and following all loading and unloading operations and at other times as necessary, to ensure that the minimum coke moisture contents specified in Special Condition Nos. 47 and 48 are maintained to achieve control of coke dust emissions.

An observer shall verify using EPA Test Method 22 that there are no visible coke emissions upon resumption of loading if marine vessel loading has been interrupted for more than two hours. The results of this observation shall be recorded.

47. The coke conveyors shall not be left with the belt stationary (idle, not transferring coke) and loaded for more than two consecutive hours.
48. Soft Coke Moisture Sampling Requirements: Soft coke is defined for this purpose as coke with a Hardgrove Index of greater than 45. When this permit condition is in effect, the permit holder shall take coke samples for moisture analysis as follows. This permit condition becomes effective when, according to Special Condition No. 48.A, hard coke is not being handled at this site.
 - A. The permit holder shall take samples of the coke at transfer point CO-3 when loading coke. The permit holder shall take samples of the coke at the coke stockpiles. Sampling at the coke stockpiles shall include at least one sample per 0.7-acre each sampling period. The permit holder shall maintain a map of the coke stockpile footprint indicating each 0.7-acre sample zone. The zones containing coke and the sample locations should be recorded on a map for each sample period. Samples shall be taken to ensure adequate coverage of all areas of the coke piles and shall be taken within one hour prior to the scheduled application of water. Only those sample zones covered by the coke pile need to be sampled.
 - B. The samples shall be analyzed for moisture content using American Society for Testing and Materials (ASTM) methods as agreed upon by the TCEQ Beaumont Regional Office.
 - C. The coke stockpile zones shall be sampled every other day for 30 consecutive days during a period from January through March and every other day for 30 consecutive days during a period from June through August. There will be a total of 15 sampling events during each 30-day period.
 - D. The coke stockpile zones shall be sampled once a week during those time periods when the sampling in paragraph C of this condition is not required.
 - E. The permit holder will ensure that a minimum coke moisture content of 8 percent (by weight) is maintained. If two consecutive samples at a sampling point have a moisture content less than 8 percent, additional daily coke samples must be taken at that sample point. The sample point may return to the normal sampling routine after seven consecutive daily samples meet the 8 percent moisture requirement.
 - F. Satisfactory sampling exception. The permit holder may obtain an exception to the sampling frequencies mandated in paragraphs C and D of this condition. This exception is subject to the following:
 - (1) The permit holder may request in writing to the TCEQ Beaumont Regional Office that sampling may be reduced in frequency to a monthly sampling period after the permit holder has completed a year of satisfactory sampling. This submittal must also include a continuous compliance plan for the coke handling facilities.
 - (2) The satisfactory sampling results referenced above are defined as at least 95 percent of the samples at each sampling point exceeding 8 percent moisture. Each coke pile sampling zone (0.7 acre) is considered a sample point.
 - G. The results and location of all sampling shall be recorded. The results will be collated in a monthly format showing the number of samples below 8 percent moisture content, total number of samples taken, and the percentage of samples below 8 percent moisture content.

49. Hard Coke Moisture Sampling Requirements: Hard coke is defined for this purpose as coke with a Hardgrove Index equal to or less than 45. When this permit condition is in effect, the permit holder shall take coke samples for moisture analysis as follows. This permit condition is in effect unless hard coke is not being handled at this site, according to Paragraph A of this condition.
- A. At least once per week, the coke shall be sampled, and the Hardgrove Index measured. The coke handled at this site shall be considered to be hard coke unless the Hardgrove Index weekly average exceeds 45. Should this exceedance occur, the permit holder may continue to operate under this permit condition if the subsequent weekly average Hardgrove Index equals or is less than 45.
 - B. When loading coke into marine vessels, the coke moisture content shall be measured by taking samples of the coke at transfer point CO-4. When loading directly into trucks and/or railcars, the coke moisture content shall be measured by sampling directly from trucks and/or railcars.
 - C. The samples shall be analyzed for moisture content using ASTM methods as agreed upon by the TCEQ Beaumont Regional Office.
 - D. The permit holder will ensure that a minimum coke moisture content of 4.8 percent (by weight) is maintained. Compliance with this condition will be demonstrated if at least 90 percent of the moisture samples equal or exceed 4.8 percent. A minimum of ten samples must be taken in accordance with Paragraph B of this condition to determine compliance.
 - E. The results and location of all sampling shall be recorded. The results will be collated in a monthly format showing the number of samples below 4.8 percent moisture content, total number of samples taken, and the percentage of samples below 4.8 percent moisture content.
 - F. The permit holder may choose to cease to operate under this permit condition at any time. When doing so, the permit holder may cease measuring the coke Hardgrove Index. After doing so, the permit holder may return to operation under this permit condition by measuring the coke Hardgrove Index and demonstrating that this results in an average of any two consecutive measurements being equal to or less than 45.
50. Upon the request of the Executive Director of the TCEQ, the holder of this permit shall perform high volume air sampling, one and/or three-hour tests, for net ground level concentrations of total particulate matter (PM). Each test shall consist of at least one upwind and one downwind sample taken simultaneously. The test(s) shall be performed during normal operation of the facility. High volume sampling shall be performed in accordance with Chapter 11 PM of the TCEQ Sampling Procedures Manual.
51. No visible coke emissions as determined using EPA Test Method 22 shall leave the property.

The holder of this permit shall conduct a weekly visible fugitive emissions determination to demonstrate compliance with the visible fugitive emissions limitation specified in this permit. This visible fugitive emissions determination shall be performed: 1) during normal plant operations, 2) for a minimum of six minutes, 3) approximately perpendicular to plume direction, 4) with the sun behind the observer (to the extent practicable), 5) at least 15 feet, but not more than 0.25 mile, from the plume, and 6) in accordance with EPA 40 CFR Part 60, Appendix A, Test Method 22, except where stated otherwise in this condition. If visible fugitive emissions are observed leaving the property, the owner or operator shall take immediate action (as appropriate) to eliminate the

excessive visible fugitive emissions. The corrective action shall be documented within 24 business hours of completion.

Initial and Periodic Stack Sampling

52. The holder of this permit shall perform stack sampling and other testing, as required, to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the following sources:

- The FCCU Wet Gas Scrubber Stack (EPN E-01-WGS);
- The TGI Stacks of the SRUs 543, 544, 545, and 546 (EPNs E-01-SCOT, E-02-SCOT, E-03-SCOT, and E-04-SCOT, respectively);
- All boilers, heaters, etc., with firing rates of 40 MMBtu/hr or greater;
- The Gasoline Hydrotreater (EPN E-01-245); one-time stack test;
- Heaters DCU 844 Coker Furnace #1 (EPN E-01-844) and DCU 844 Coker Furnace #2 (EPN E-02-844);
- The TGI Stack of the SRU547 (EPN E-05-SCOT); and
- The Steam Boiler (EPN E-01-BLR)

The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense.

Sampling shall be conducted in accordance with the appropriate procedures of the TCEQ Sampling Procedures Manual and the EPA Reference Methods.

Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Permitting and Registration, Air Permits Division. Test waivers and alternate/equivalent procedure proposals for 40 CFR Part 60 testing which must have EPA approval shall be submitted to the TCEQ Beaumont Regional Director.

A. The TCEQ Beaumont Regional Office shall be contacted as soon as testing is scheduled, but not less than 45 days prior to sampling to schedule a pretest meeting.

The notice shall include:

- (1) Date for pretest meeting.
- (2) Date sampling will occur.
- (3) Name of firm conducting sampling.
- (4) Type of sampling equipment to be used.
- (5) Method or procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review

the format procedures for the test reports. The TCEQ Beaumont Regional Director must approve any deviation from specified sampling procedures.

- B. Air contaminants emitted from the listed sources to be tested for include (but are not limited to) the following:

FCCU WGS:	NO _x , CO, SO ₂ , PM*, VOC, sulfuric acid, and O ₂
SRU TGIs:	SO ₂ , H ₂ S, NO _x , CO, PM**, and O ₂
Boilers and Heaters:	NO _x , CO, VOC, PM**, and O ₂ .

* particulate matter (PM), includes condensable and non-condensable sample.

** Testing for PM applies to EPNs E-05-SCOT, E-01-844, E-02-844, and E-02-943 only and includes PM

- C. Sampling shall occur as follows:

- (1) Within 90 days after the completion of modifications to a specific unit as identified in the permit amendment application, PI-1, dated January 9, 1996.
- (2) Within 90 days of December 16, 1996 if a specific unit was not modified.
- (3) Within 90 days after the completion of construction of or modifications to a specific unit as identified in the permit amendment applications, PI-1, dated April 30, 1998, December 5, 2003, January 31, 2006, January 31, 2008, and March 25, 2008.
- (4) At other such times as determined necessary to verify compliance with the emissions cap as required by the TCEQ Beaumont Regional Director or the TCEQ Executive Director.
- (5) Boilers 42 and 43 shall be stack tested and have relative accuracy test audits (RATA) testing performed on them no later than December 31, 2002.
- (6) Upon completing construction of Heaters DCU 844 Coker Furnace #1 (EPN E-01-844), DCU 844 Coker Furnace #2 (EPN E-02-844), SRU547 (EPN E-05-SCOT) and Steam Boiler (EPN E-01-BLR) and modifications to Hydrocracker Unit 943 Fractionator Feed Furnace (EPN E-02-943), Heater 146-H101 (EPN E-01-146), and Heater AVU No. 146 H-102A and H-102B (EPN E-02-146) sampling shall be performed to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the units. Sampling shall occur within 60 days after achieving the maximum operating rate, but no later than 180 days after initial start-up of the facilities and at such other times as may be required by the TCEQ Executive Director. Requests for additional time to perform sampling shall be submitted to the appropriate regional office.
- (7) Every five years at those units which are not equipped with a CEMS for the pollutants specified in Paragraph B of this condition, except for VOC testing if the source has an installed CO CEMS.

Sampling of a heater and boiler emission points may be delayed if necessary to perform the sampling for that emission point in conjunction with the installation of a continuous monitoring system required by Special Condition No. 54. Requests for additional time to perform sampling shall be submitted to the TCEQ Beaumont Regional Office.

- D. The EPN being tested shall operate at maximum production or firing rates during stack emission testing. Primary operating parameters that enable determination of a production rate shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the EPN is unable to operate at maximum rates during testing, then future production rates may be limited to the rates established during testing. Additional stack testing may be required if the firing rate exceeds the tested firing rate by more than 10 percent (additional testing will not be required if the EPN is equipped with a CEMS).
- E. A copy of the final sampling report shall be forwarded to the TCEQ within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One copy to the TCEQ Beaumont Regional Office.

- 53. The permit holder shall perform stack sampling and other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the Marine Vapor Combustors (EPN E-MC-24-25) to demonstrate compliance with the MAERT and destruction efficiency in Special Condition 7. The permit holder is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense. Sampling shall be conducted in accordance with the appropriate procedures of the Texas Commission on Environmental Quality (TCEQ) Sampling Procedures Manual and the U.S. Environmental Protection Agency (EPA) Reference Methods.

Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Air, Air Permits Division. Test waivers and alternate/equivalent procedure proposals for Title 40 Code of Federal Regulation Part 60 (40 CFR Part 60) testing which must have EPA approval shall be submitted to the TCEQ Regional Director.

- A. The appropriate TCEQ Regional Office shall be notified not less than 45 days prior to sampling. The notice shall include:
 - (1) Proposed date for pretest meeting.
 - (2) Date sampling will occur.
 - (3) Name of firm conducting sampling.
 - (4) Type of sampling equipment to be used.
 - (5) Method or procedure to be used in sampling.
 - (6) Description of any proposed deviation from the sampling procedures specified in this permit or TCEQ/EPA sampling procedures.
 - (7) Procedure/parameters to be used to determine worst case emissions during the sampling period.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for the test reports. The TCEQ Regional Director must approve any deviation from specified sampling procedures.

- B. Air contaminants emitted from the listed sources to be tested for include (but are not limited to) NO_x, VOC, CO and O₂.

- C. Sampling shall occur within 180 days after the permit issued dated April 16, 2018 and at such other times as may be required by the TCEQ Executive Director. Requests for additional time to perform sampling shall be submitted to the appropriate regional office.
- D. Marine loading shall be at the maximum authorized controlled loading rate during stack emission testing of each marine vapor combustor. These conditions/parameters and any other primary operating parameters that affect the emission rate shall be monitored and recorded during the stack test. Any additional parameters shall be determined at the pretest meeting and shall be stated in the sampling report. Permit conditions and parameter limits may be waived during stack testing performed under this condition if the proposed condition/parameter range is identified in the test notice specified in paragraph A and accepted by the TCEQ Regional Office. Permit allowable emissions and emission control requirements are not waived and still apply during stack testing period.
- During subsequent operations, if the controlled loading rate is greater than that recorded during the test period, stack sampling shall be performed at the new operating conditions within 120 days. This sampling may be waived by the TCEQ Air Section Manager for the region.
- E. Copies of the final sampling report shall be forwarded to the offices below within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions entitled "Chapter 14, Contents of Sampling Reports" of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One copy to the appropriate TCEQ Regional Office.

Continuous Emission Monitoring

54. The holder of this permit shall install, calibrate, and maintain a CEMS to measure and record the in-stack concentrations of the following compounds from the indicated sources:
- A. FCCU Wet Gas Scrubber (EPN E-01-WGS): SO₂, NO_x, CO, and O₂.
- B. The TGI stacks of the SRUs 543, 544, 545, and 546 (EPNs E-01-SCOT, E-02-SCOT, E-03-SCOT, and E-04-SCOT, respectively): SO₂, H₂S, and O₂.
- C. For boilers and heaters with maximum firing rates greater than 100 MMBtu/hr: NO_x, CO, and O₂.
- All monitoring systems shall be installed and operational by December 16, 1999 or within two months after the completion of modifications to or construction of a specific unit, whichever is later. The SO₂ and O₂ CEMS for SRU 544 TGI Stack (EPN E-02-SCOT) shall be operational as of January 1999. The CEMS for Boilers 41, 42, and 43 shall be operational by October 31, 2002. The H₂S CEMS for SRU 543 and 544 TGI Stacks (EPNs E-01-SCOT and E-02-SCOT, respectively) shall be operational as of June 30, 2002.
- D. Coker heater vents EPNs E-01-844 and E-02-844: NO_x, CO, and O₂
- E. The TGI Stack of the SRU 547 (EPN E-05-SCOT): SO₂, H₂S, and O₂.
- F. Steam Boiler EPN E-01-BLR: NO_x, CO, and O₂.
55. All CEMS monitoring systems shall meet the following requirements:

- A. The CEMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and the data analysis and reporting requirements specified in the applicable Performance Specification Nos. 1 through 9, 40 CFR Part 60, Appendix B. If there are no applicable performance specifications in 40 CFR Part 60, Appendix B, contact the TCEQ Office of Permitting and Registration, Air Permits Division for requirements to be met.
- B. Paragraph (1) below applies to sources subject to the quality-assurance requirements of 40 CFR Part 60, Appendix F, Paragraph (2) applies to all other sources:
- (1) The permit holder shall assure that the CEMS meets the applicable quality-assurance requirements specified in 40 CFR Part 60, Appendix F, Procedure 1. Relative accuracy exceedances, as specified in 40 CFR Part 60, Appendix F, § 5.2.3 and any CEMS downtime shall be reported to the TCEQ Beaumont Regional Director and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the TCEQ Beaumont Regional Director.
- (2) The system shall be zeroed and spanned daily, and corrective action taken when the 24-hour span drift exceeds two times the amounts specified in the applicable Performance Specification Nos. 1 through 9, 40 CFR Part 60, Appendix B, or as specified by the TCEQ if not specified in Appendix B. Zero and span is not required on weekends and plant holidays if instrument technicians are not normally scheduled on those days.
- Each monitor shall be quality-assured at least quarterly using Cylinder Gas Audits (CGA) in accordance with 40 CFR Part 60, Appendix F, Procedure 1, § 5.1.2, with the following exception: a RATA is not required once every four quarters (i.e., four successive quarterly CGA may be conducted). An equivalent quality-assurance method approved by the TCEQ may also be used. Successive quarterly audits shall occur no closer than two months.
- All CGA exceedances of ± 15 percent accuracy indicate that the CEMS is out of control.
- C. The CEMS monitoring data shall be reduced to hourly average concentrations at least once every day, using a minimum of four equally spaced data points from each one-hour period. The individual average concentrations shall be reduced to units of lbs/hr at least once every week as follows:
- The measured hourly average concentration from the CEMS shall be multiplied by the flow rate measured during the latest stack test performed in accordance with Special Condition 52 to determine the hourly emission rate or by using "F" Factors for Various Fuels under 40 CFR Part 60, Appendix A, Method 19.
- D. All CEMS monitoring data and quality-assurance data shall be maintained by the source. The data from the CEMS shall, at the discretion of the TCEQ, be used to determine compliance with the conditions of this permit.
- E. The TCEQ Beaumont Regional Office shall be notified at least 30 days prior to any required RATA in order to provide them the opportunity to observe the testing.
- F. Quality-assured (or valid) data must be generated when the sources with installed CEMS are operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the sources with installed CEMS operated over the previous

rolling 12-month period. The measurements missed shall be estimated using engineering judgement and the methods used recorded. Options to increase system reliability to an acceptable value, including a redundant CEMS, may be required by the TCEQ Beaumont Regional Director.

- G. This paragraph applies to the NO_x, SO₂, O₂ and CO CEMS listed in Special Condition 54.A. and NO_x CEMS listed in Special Conditions 34.D and 54.D. In addition to the requirements of Special Condition No.55.A-F., the CEMS shall be installed, certified, calibrated, maintained and operated in accordance with the provisions of 40 CFR §60.13 which are applicable only to CEMs (excluding those provisions applicable only to continuous opacity monitoring systems) and Part 60, Appendices A and F, and the applicable performance specification test of 40 CFR Part 60, Appendix B. With respect to 40 CFR Part 60 Appendix F, in lieu of the requirements of 40 CFR Part 60, Appendix F §§5.1.1, 5.1.3 and 5.1.4, the source must conduct either a RAA or a RATA on each CEMS at least once every three (3) years. The source must also conduct CGA each calendar quarter during which a RAA or a RATA is not performed.
56. The permit holder shall continuously monitor ammonia emissions from EPNs E-01-844, E-02-844, E-02-943, and E-01-BLR using one of the following methods:
- A. Install and operate two NO_x CEMS, one located upstream of the Selective Catalytic Reduction (SCR) system and the other located downstream of the SCR system, which are used in association with NH₃ injection rate and the following calculation procedure to estimate NH₃ slip.
- $$\text{NH}_3 \text{ slip, ppmvd} = (a - (b \times c / 1,000,000)) \times 1,000,000 / b \times d$$
- Where:
- a = ammonia injection rate (lb/hr)/17 (lb/lb-mole);
- b = dry exhaust gas flow rate (lb/hr)/29 (lb/lb-mole);
- c = change in measured NO_x concentration, ppmvd, across catalyst; and
- d = appropriate correction factor.
- The correction factor shall be derived during compliance testing by comparing the measured and calculated ammonia slip. The ammonia inject rate and exhaust gas flow rate shall be recorded at least every 15 minutes and be recorded as hourly averages. Each flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value.
- B. Install and operate a dual stream system of NO_x CEMS at the exit of the SCR system. One of the exhaust streams would be routed, in an unconverted state, to one NO_x CEMS and the other exhaust stream would be routed through a NH₃ converter to convert NH₃ to NO_x and then to a second NO_x CEMS. The NH₃ slip concentration shall be calculated from the delta between the two NO_x CEMS readings (converted and unconverted).
- C. Install an ammonia CEMS.

All CEMS specified in this condition must meet the requirements of Special Condition 55. Quality-assured (or valid) data must be generated when gas is directed to the SCR system. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not

exceed 5 percent of the time that gas is directed to the SCR system over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

- D. Use a sorbent or stain tube device specific for NH_3 measurement in the 5 to 10 parts per million (ppm) range. The frequency of sorbent/stain tube testing shall be performed daily for the first 60 days of operation, after which the frequency may be reduced to weekly testing if operating procedures have been developed to prevent excess amounts of NH_3 from being introduced in the SCR units and when operation of the SCR units have been proven successful with regard to controlling NH_3 slip. Daily sorbent or stain tube testing shall resume when the catalyst is within 30 days of its useful life expectancy. These results shall be recorded and used to determine compliance with this Special Condition.

If sorbent or stain tube testing indicates an NH_3 slip concentration which exceeds 5 ppm at any time, the permit holder shall begin NH_3 testing by either the Phenol-Nitroprusside Method, the Indophenol Method, or the EPA Conditional Test Method (CTM) 27 on a quarterly basis, in addition to the weekly sorbent or stain tube testing. The quarter is defined as the 3-month period starting with the month in which the sorbent or stain tube testing exceeds 5 ppm. The quarterly testing shall continue until such time as the SCR unit catalyst is replaced; or if the quarterly testing indicates NH_3 slip is 4 ppm or less, the Nitroprusside/Indophenol/CTM 27 tests may be suspended until sorbent or stain tube testing again indicate 5 ppm NH_3 slip or greater. **(07/25)**

Fugitive Emission Monitoring Programs

57. Piping, Valves, Pumps, and Compressors in H_2S or Ammonia (NH_3) Service – 28AVO

The following is required for all process streams with greater than 1 percent H_2S or NH_3 by weight.

- A. Audio, olfactory, and visual checks for H_2S leaks within the sulfur recovery complexes operating areas shall be made at least twice per shift.

Audio, olfactory, and visual checks for H_2S leaks within the operating area of the Amine Treating Unit represented in the permit amendment application dated March 25, 2008, shall be made once per shift.

Audio, olfactory, and visual checks for H_2S leaks within the operating area of Coker 844 represented in the permit amendment application dated February 27, 2017, shall be made once per shift.

Audio, olfactory, and visual checks for NH_3 leaks within the NH_3 handling system for the SCR Units represented in the permit amendment applications dated January 31, 2008, March 25, 2008, and February 27, 2017 shall be made once per shift.

Audio, olfactory, and visual checks for NH_3 leaks within the operating area of the Sour Water Stripper Unit represented in the permit amendment application March 25, 2008, shall be made once per shift.

Audio, olfactory, and visual checks for H_2S and NH_3 leaks within the Refinery represented in the permit amendment application dated April 28, 2022, shall be made once per shift.
(11/22)

- B. Immediately, but no later than one-hour upon detection of a leak, plant personnel shall take the following actions:

- (1) Stop the leak by taking the equipment out of service or bypass the equipment so that it is no longer in service,
- (2) Isolate the leak; or,
- (3) Commence repair or replacement of the leaking component.

Records shall be maintained of the time leaks were detected and all repairs and replacements made due to leaks.

58. Piping, Valves, Pumps, and Compressors in Hydrogen Fluoride (HF) Service

The following requirements apply to any process streams with greater than 1 weight percent HF.

- A. Audio, olfactory, and visual checks of the HF detection paint for HF leaks within the operating area shall be made every four hours.
- B. Immediately, but no later than one-hour upon detection of a leak, plant personnel shall take the following actions:
 - (1) Stop the leak by taking the equipment out of service or bypass the equipment so that it is no longer in service,
 - (2) Isolate the leak; or,
 - (3) Commence repair or replacement of the leaking component.
- C. The above actions shall be taken immediately, but no later than one-hour into the next day shift, upon detection of a leak by night shift personnel.
- D. Records shall be maintained of the time leaks were detected and all repairs and replacements made due to leaks.

59. Piping, Valves, Flanges, Pumps, and Compressors in VOC Service - 28 VHP

The following requirements apply to piping, valves, connectors, pumps, agitators, and compressors containing or in contact with fluids that could reasonably be expected to contain greater than or equal to 10 weight percent volatile organic compounds (VOC) at any time, unless monitored per Special Condition 60.

- A. The requirements of paragraphs F and G shall not apply (1) where the Volatile Organic Compound (VOC) has an aggregate partial pressure or vapor pressure of less than 0.044 pounds per square inch, absolute (psia) at 68°F or (2) operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list or by one of the methods described below to be made readily available upon request.

The exempted components may be identified by one or more of the following methods:

- piping and instrumentation diagram (PID);
- a written or electronic database or electronic file;
- color coding;
- a form of weatherproof identification; or

- designation of exempted process unit boundaries.
- B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.
- C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.
- D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), shall be identified in a list to be made readily available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in subparagraph A above. If an unsafe to monitor component is not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe to monitor times. A difficult to monitor component for which quarterly monitoring is specified may instead be monitored annually.
- E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through.

Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the isolation of equipment for hot work or the removal of a component for repair or replacement results in an open-ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period;

- (1) a cap, blind flange, plug, or second valve must be installed on the line or valve; or
 - (2) the open-ended valve or line shall be monitored once for leaks above background for a plant or unit turnaround lasting up to 45 days with an approved gas analyzer and the results recorded. For all other situations, the open-ended valve or line shall be monitored once within the 72-hour period following the creation of the open-ended line and monthly thereafter with an approved gas analyzer and the results recorded. For turnarounds and all other situations, leaks are indicated by readings of 500 ppmv and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.
- F. Accessible valves shall be monitored by leak checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. If a relief valve is equipped with rupture disc, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed at least quarterly and recorded in the unit log or equivalent. Pressure-sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

The gas analyzer shall conform to requirements listed in Method 21 of 40 CFR part 60, appendix A. The gas analyzer shall be calibrated with methane. In addition, the response factor of the instrument for a specific VOC of interest shall be determined and meet the requirements of Section 8 of Method 21. If a mixture of VOCs is being monitored, the response factor shall be calculated for the average composition of the process fluid. A calculated average is not required when all of the compounds in the mixture have a response factor less than 10 using methane. If a response factor less than 10 cannot be achieved using methane, then the instrument may be calibrated with one of the VOC to be measured or any other VOC so long as the instrument has a response factor of less than 10 for each of the VOC to be measured.

Replacements for leaking components shall be re-monitored within 15 days of being placed back into VOC service.

- G. Except as may be provided for in the special conditions of this permit, all pump, compressor, and agitator seals shall be monitored with an approved gas analyzer at least quarterly or be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. Seal systems designed and operated to prevent emissions or seals equipped with an automatic seal failure detection and alarm system need not be monitored. These seal systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.
- H. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. Damaged or leaking pump, compressor, and agitator seals found to be emitting VOC in excess of 2,000 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days and a record of the attempt shall be maintained.
- I. A leaking component shall be repaired as soon as practicable but no later than 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging within 15 days of the detection of the leak. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (c)(1)(B)(i)(II). The calculations of the cumulative daily emissions from all components on the delay of repair list shall be updated within ten days of when the latest leaking component is added to the delay of repair list. When the cumulative daily emission rate of all components on the delay of repair list times the number of days until the next scheduled unit shutdown is

equal to or exceeds the total emissions from a unit shutdown as calculated in accordance with 30 TAC 115.782 (c)(1)(B)(i)(I) or 500 pounds, whichever is greater, the TCEQ Regional Manager and any local programs shall be notified and may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. This notification shall be made within 15 days of making this determination.

- J. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall indicate dates and times, test methods, and instrument readings. The instrument monitoring record shall include the time that monitoring took place for no less than 95% of the instrument readings recorded. Records of physical inspections shall be noted in the operator's log or equivalent.
- K. Alternative monitoring frequency schedules of 30 TAC § 115.352 - 115.359 or National Emission Standards for Organic Hazardous Air Pollutants, 40 CFR Part 63, Subpart H, may be used in lieu of Items F through G of this condition.
- L. Compliance with the requirements of this condition does not assure compliance with requirements of 30 TAC Chapter 115, an applicable New Source Performance Standard (NSPS), or an applicable National Emission Standard for Hazardous Air Pollutants (NESHAPS) and does not constitute approval of alternative standards for these regulations.

60. Piping, Valves, Flanges, Pumps, and Compressors - 28 LAER

Except as may be provided for in the special conditions of this permit, the following requirements apply to the above-referenced equipment associated with the COEX II project (fugitive EPNs F-943, F-7843, F-7945, and F-8748-SWS).

- A. The requirements of paragraphs F and G shall not apply (1) where the VOC has an aggregate partial pressure or vapor pressure of less than 0.044 pounds per square inch, absolute (psia) at 68°F or (2) operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list or by one of the methods described below to be made readily available upon request.

The exempted components may be identified by one or more of the following methods:
 - (1) piping and instrumentation diagram (PID);
 - (2) a written or electronic database or electronic file;
 - (3) color coding;
 - (4) a form of weatherproof identification; or
 - (5) designation of exempted process unit boundaries.
- B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.
- C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.

- D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by 30 TAC Chapter 115, shall be identified in a list to be made readily available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in subparagraph A above. If an unsafe to monitor component is not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe to monitor times. A difficult to monitor component for which quarterly monitoring is specified may instead be monitored annually.
- E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made as necessary to obtain leak-free performance.

Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through. In addition, all connectors shall be monitored by leak-checking for fugitive emissions at least quarterly using an approved gas analyzer with a directed maintenance program in accordance with items F thru J of this special condition.

In lieu of the monitoring frequency specified above, connectors may be monitored on a semiannual basis if the percent of connectors leaking for two consecutive quarterly monitoring periods is less than 0.5 percent.

Connectors may be monitored on an annual basis if the percent of connectors leaking for two consecutive semiannual monitoring periods is less than 0.5 percent.

If the percent of connectors leaking for any semiannual or annual monitoring period is 0.5 percent or greater, the facility shall revert to quarterly monitoring until the facility again qualifies for the alternative monitoring schedules previously outlined in this paragraph.

The percent of connectors leaking used in paragraph B shall be determined using the following formula:

$$(CI + Cs) \times 100/Ct = Cp$$

Where:

CI = the number of connectors found leaking by the end of the monitoring period, either by Method 21 or sight, sound, and smell.

Cs = the number of connectors for which repair has been delayed and are listed on the facility shutdown log.

Ct = the total number of connectors in the facility subject to the monitoring requirements, as of the last day of the monitoring period, not including non-accessible and unsafe to monitor connectors.

Cp = the percentage of leaking connectors for the monitoring period.

Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the isolation of equipment for hot work or the removal of a component for repair or replacement results in an open-ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is

not completed within 72 hours, the permit holder must complete either of the following actions within that time period;

- (1) a cap, blind flange, plug, or second valve must be installed on the line or valve; or
- (2) the open-ended valve or line shall be monitored once for leaks above background for a plant or unit turnaround lasting up to 45 days with an approved gas analyzer and the results recorded. For all other situations, the open-ended valve or line shall be monitored once by the end of the 72 hours period following the creation of the open-ended line and monthly thereafter with an approved gas analyzer and the results recorded. For turnarounds and all other situations, leaks are indicated by readings of 500 ppmv and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.

- F. Accessible valves shall be monitored by leak checking for fugitive emissions at least quarterly using an approved gas analyzer with a directed maintenance program. Non accessible valves shall be monitored by leak-checking for fugitive emissions at least annually using an approved gas analyzer with a directed maintenance program. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. For valves equipped with rupture discs, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown. A check of the reading of the pressure-sensing device to verify disc integrity shall be performed at least quarterly and recorded in the unit log or equivalent. Pressure-sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph.

The gas analyzer shall conform to requirements listed in Method 21 of 40 CFR part 60, appendix A. The gas analyzer shall be calibrated with methane. In addition, the response factor of the instrument for a specific VOC of interest shall be determined and meet the requirements of Section 8 of Method 21. If a mixture of VOCs is being monitored, the response factor shall be calculated for the average composition of the process fluid. A calculated average is not required when all of the compounds in the mixture have a response factor less than 10 using methane. If a response factor less than 10 cannot be achieved using methane, then the instrument may be calibrated with one of the VOC to be measured or any other VOC so long as the instrument has a response factor of less than 10 for each of the VOC to be measured.

A directed maintenance program shall consist of the repair and maintenance of components assisted simultaneously by the use of an approved gas analyzer such that a minimum concentration of leaking VOC is obtained for each component being maintained. Replaced components shall be re-monitored within 15 days of being placed back into VOC service.

- G. All new and replacement pumps, compressors, and agitators shall be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. These seal systems need not be monitored and may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.

All other pump, compressor, and agitator seals shall be monitored with an approved gas analyzer at least quarterly.

- H. Damaged or leaking valves, connectors, compressor seals, pump seals, and agitator seals found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days. Records of the first attempt to repair shall be maintained. A leaking component shall be repaired as soon as practicable, but no later than 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (c)(1)(B)(i)(II). The calculations of the cumulative daily emissions from all components on the delay of repair list shall be updated within ten days of when the latest leaking component is added to the delay of repair list. When the cumulative daily emission rate of all components on the delay of repair list times the number of days until the next scheduled unit shutdown is equal to or exceeds the total emissions from a unit shutdown as calculated in accordance with 30 TAC 115.782 (c)(1)(B)(i)(I), the TCEQ Regional Manager and any local programs shall be notified and may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. This notification shall be made within 15 days of making this determination.
- I. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall indicate dates and times, test methods, and instrument readings. The instrument monitoring record shall include the time that monitoring took place for no less than 95% of the instrument readings recorded. Records of physical inspections shall be noted in the operator's log or equivalent.
- J. Compliance with the requirements of this condition does not assure compliance with requirements of 30 TAC Chapter 115, an applicable New Source Performance Standard (NSPS), or an applicable National Emission Standard for Hazardous Air Pollutants (NESHAPS) and does not constitute approval of alternative standards for these regulations.
- K. In lieu of the monitoring frequency specified in paragraph F, valves in gas and light liquid service may be monitored on a semiannual basis if the percent of valves leaking for two consecutive quarterly monitoring periods is less than 0.5 percent.

Valves in gas and light liquid service may be monitored on an annual basis if the percent of valves leaking for two consecutive semiannual monitoring periods is less than 0.5 percent.

If the percent of valves leaking for any semiannual or annual monitoring period is 0.5 percent or greater, the facility shall revert to quarterly monitoring until the facility again qualifies for the alternative monitoring schedules previously outlined in this paragraph.

- L. The percent of valves leaking used in paragraph K shall be determined using the following formula:

$$(V_l + V_s) \times 100/V_t = V_p$$

Where:

VI = the number of valves found leaking by the end of the monitoring period, either by Method 21 or sight, sound, and smell.

Vs = the number of valves for which repair has been delayed and are listed on the facility shutdown log.

Vt = the total number of valves in the facility subject to the monitoring requirements, as of the last day of the monitoring period, not including nonaccessible and unsafe to monitor valves.

Vp = the percentage of leaking valves for the monitoring period.

- M. Any component found to be leaking by physical inspection (i.e., sight, sound, or smell) shall be repaired or monitored with an approved gas analyzer within 15 days to determine whether the component is leaking in excess of 500 ppmv of VOC. If the component is found to be leaking in excess of 500 ppmv of VOC, it shall be subject to the repair and replacement requirements contained in this special condition.

61. This condition applies to accessible connectors in gas/vapor and light liquid service in the Reformate Splitter Unit (Unit 1747). In addition to the weekly physical inspection required by Item E of Special Condition 59, all accessible connectors in gas/vapor and light liquid service shall be monitored quarterly with an approved gas analyzer in accordance with Items F thru J of Special Condition 59.

- A. Connectors may be monitored on a semiannual basis if the percent of connectors leaking for two consecutive quarterly monitoring periods is less than 0.5 percent.

Connectors may be monitored on an annual basis if the percent of connectors leaking for two consecutive semiannual monitoring periods is less than 0.5 percent.

If the percent of connectors leaking for any semiannual or annual monitoring period is 0.5 percent or greater, the facility shall revert to quarterly monitoring until the facility again qualifies for the alternative monitoring schedules previously outlined in this paragraph.

- B. The percent of connectors leaking used in Paragraph A shall be determined using the following formula:

$$(CI + Cs) \times 100/Ct = Cp$$

Where:

CI = the number of connectors found leaking by the end of the monitoring period, either by Method 21 or sight, sound, and smell

Cs = the number of connectors for which repair has been delayed and are listed on the facility shutdown log

Ct = the total number of connectors in the facility subject to the monitoring requirements, as of the last day of the monitoring period, not including nonaccessible and unsafe-to-monitor connectors

Cp = the percentage of leaking connectors for the monitoring period

62. The following paragraphs modify the requirements in the fugitive monitoring requirements in Special Conditions 59 and 60.

- A. All components in heavy liquid service shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through in the same manner as required for connectors in Special Conditions 59.E and 60.E.
- B. As an alternative to comparing the potential cumulative emissions of the components on the delay of repair (DOR) list until the next process unit shutdown to the total emissions from a process unit shutdown per the requirements of Special Conditions 59.I and 60.H, the cumulative hourly emission rate of all process unit components on the DOR list may be compared to 10 percent of the total short term process unit fugitive allowable emission rate in order to determine if the TCEQ Regional Director and any local program is to be notified.

Monitoring of Process Wastewater Collection Systems

- 63. All process wastewater drains shall be monitored quarterly at a leak definition of 500 ppmv. Water shall be added to flush and displace hydrocarbons floating inside the process drains if a leak is detected.
- 64. Wastewater collection system components associated with Hydrocracker Unit 943 (HCU-943) and Saturated Gas Recovery Unit (SGRU- 7945), and Delayed Coker 844 (EPN E-WWC-844) shall comply with the following:
 - A. Process wastewater drains shall be equipped with water seals or equivalent. Water seals shall be checked by visual or physical inspection quarterly for indications of low water levels or other conditions that would reduce the effectiveness of water seal controls. Water seals shall be restored as necessary within 24 hours. Records shall be maintained of these inspections and corrective actions taken.
 - B. Lift stations, manholes, junction boxes, any other wastewater collection system components, and conveyance shall be equipped with a closed vent system that routes all organic vapors to a control device.
 - C. The annual average daily flow of wastewater from the refinery shall not exceed 10.3419 million gallons per day (MGD). The daily flow of wastewater flow into the wastewater treatment plant shall be monitored and recorded. The rolling 12-month wastewater flow shall be totaled on a monthly basis.

Monitoring of Vapor Collection Systems

- 65. The following requirements apply to capture systems for the FCCU Wet Gas Scrubber, flares, marine vapor combustor, and Tail Gas Incinerators.
 - A. If used for particulate control, complete either of the following once a year
 - (1) Inspect any fan and verify proper operation and inspect the capture system to verify there are no cracks, holes, tears, and other defects once a year; or
 - (2) Verify there are no fugitive emissions escaping from the capture system by performing a visible emissions observation for a period of at least six minutes in accordance with 40 CFR Part 60, Appendix A, Test Method 22.
 - B. If used to control pollutants other than particulate, either:

- (1) Conduct a once a month visual, audible, and/or olfactory inspection of the capture system to verify there are no leaking components in the capture system; or
 - (2) Once a year, verify the capture system is leak-free by inspecting in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppmv above background.
 - C. The control device shall not have a bypass.
 - D. If any of the above inspections is not satisfactory, the permit holder shall promptly take necessary corrective action.
66. Coker Unit Sludge Tanks (FINS T-8010 and T-8400) shall each vent through a carbon adsorption system (CAS) consisting of at least two activated carbon canisters that are connected in series.
- A. The CAS shall be sampled every other week to determine breakthrough of volatile organic compounds (VOC). The sampling point shall be at the outlet of the initial canister but before the inlet to the second or final polishing canister. Sampling shall be done during tank filling. Sampling is not required on those days that tank filling does not occur.
 - B. The VOC sampling and analysis shall be performed using an instrument with a photoionization detector (PID), or a TCEQ-approved alternative detector. The instrument/PID must meet all requirements specified in Section 8.1 of EPA Method 21 (40 CFR 60, Appendix A). Sampling and analysis for VOC breakthrough shall be performed as follows:
 - (1) Immediately prior to performing sampling, the instrument/PID shall be calibrated with zero and span calibration gas mixtures. Zero gas shall be certified to contain less than 0.1 ppmv total hydrocarbons. Span calibration gas shall be isobutylene at a concentration within ± 10 percent of 100 ppmv and certified by the manufacturer to be ± 2 percent accurate. Calibration error for the zero and span calibration gas checks must be less than ± 5 percent of the span calibration gas value before sampling may be conducted.
 - (2) The sampling point shall be at the outlet of the initial canister but before the inlet to the second or final polishing canister. Sample ports or connections must be designed such that air leakage into the sample port does not occur during sampling.
 - (3) During sampling, data recording shall not begin until after two times the instrument response time. The VOC concentration shall be monitored for at least 5 minutes, recording 1-minute averages, during tank filling.
 - C. Breakthrough shall be defined as the highest 1-minute average measured VOC concentration at or exceeding 100 ppmv. When the condition of breakthrough of VOC from the initial saturation canister occurs, the second canister should be monitored for breakthrough. Should both canisters achieve breakthrough, both canisters shall be replaced. If there is no breakthrough at the second canister, the waste gas flow shall be switched to the second canister and a fresh canister shall be placed as the new final polishing canister within 24 hours. Sufficient new activated carbon canisters shall be maintained at the site to replace spent carbon canisters such that replacements can be done in the above specified time frame.
 - D. Records of the CAS monitoring maintained at the plant site, shall include (but are not limited to) the following:
 - (1) Sample time and date.

- (2) Monitoring results (ppmv).
 - (3) Corrective action taken including the time and date of that action.
 - (4) Process operations occurring at the time of sampling.
- E. Alternate monitoring or sampling requirements that are equivalent or better may be approved by the TCEQ Regional Manager. Alternate requirements must be approved in writing before they can be used for compliance purposes

Emission Cap Compliance

67. Recordkeeping programs for those facilities authorized by this permit shall be established and maintained such that the ability to demonstrate compliance with all authorized emission caps and individual emission rates (short-term and annual) is ensured. Records of all compliance testing, CEMS results, and process parameters necessary to demonstrate compliance with the emission rate caps shall be maintained.

Compliance with annual (TPY) emissions shall be based on calendar basis through the year 2004 and on a 12-month rolling average thereafter. Emissions calculations for verifying compliance with the emission caps shall be performed at least once every month to demonstrate compliance with the annual rolling average requirement. The holder of this permit shall maintain all records necessary to demonstrate compliance with the short-term (lb/hr) and annual TPY emissions cap and provide such demonstration of compliance to the TCEQ Beaumont Regional Office upon request.

The emissions from each emission point shall be determined as follows:

- A. Piping Fugitives - Piping fugitive emissions shall be calculated in accordance with the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Equipment Leak Fugitives," dated June 2018.
- B. Cooling Towers - Measured strippable VOC concentration as specified in Special Conditions 22 and 23 and the cooling tower circulation rate.
- C. Atmospheric VOC Storage Tanks - Emissions from storage tanks shall be calculated in accordance with the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Storage Tanks," dated February 2001.
- D. Heaters and Boilers
 - (1) If a CEMS is installed, as specified in Special Condition 54.
 - (2) If stack tested per Special Condition 52, using the most recent stack test result and recorded firing rate for the period.
 - (3) If no CEMS or stack sampling is required, use the emission factors represented in the most recent permit activity for each source and the recorded firing rate for the period.
- E. VOC Loading - Emissions from VOC loading operations shall be calculated in accordance with the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations," dated October 2000.

- F. Sulfur Loading - H₂S emissions from loading liquid sulfur into tank trucks shall be determined by multiplying the weight of sulfur loaded by the concentration of the most recent monthly stain tube sample.
- G. TGIs
- (1) If a CEMS is installed, as specified in Special Condition 54.
 - (2) If stack tested per Special Condition 52, using the most recent stack test result and recorded operating rate for the period.
 - (3) For those contaminants not monitored with a CEMS, or stack sampled, using the emission factor in the flexible permit renewal application, PI-1R dated December 14, 2006, and the average value of the appropriate operating parameter for the period.
 - (4) The CO emissions from the SRU TGIs without a CO CEMs shall be determined using the lowest incinerator temperature stack test results or using results from the most recent stack testing performed at multiple incinerator temperatures. The permit holder may then use this data to determine CO emissions as a function of temperature.
- H. Coke - The coke production and transfer rates recorded per Special Condition 43, the following PM emission factors and the control efficiencies for each coke emission point represented in the permit amendment application, PI-1 dated February 27, 2017.

	Pollutant Emission Factor (lb pollutant / ton coke handled)		
Handling Operation	PM	PM ₁₀	PM _{2.5}
Drop/Transfer Factors	0.001634	0.000773	0.000117
Crusher	0.02	0.0095	0.0014

- I. Flares - In accordance with the TCEQ Technical Guidance Document, Flares and Vapor Oxidizers, dated October 2000. Monitored flow rates and sulfur composition, and the most recent fuel gas analysis shall be used as inputs after the monitors are installed.

Nonattainment New Source Review Offsets

68. This nonattainment new source review permit is issued based on the reduction of 169.84 TPY of VOC emissions to offset VOC project increases of 141.5 (includes maintenance, startup, and shutdown (MSS) emissions as well as normal operating emissions) TPY represented in the amendment, PI-1 dated March 21, 2011, COEX II clean up application submitted on March 26, 2008 and the Coker Permit application submitted on February 6, 2008, at the rate of 1.2. 169.8 TPY of VOC emission reductions shall be provided by the permanent retirement of TCEQ Emission Reduction Credit Certificate (ERCC) Nos. 1227, 1230, 1698, 2218, and 2530 having VOC credits of 44.5 TPY, 21.6 TPY, 48.4 TPY, 55.8, and 7.0 TPY respectively.

Recordkeeping

69. All records, calculations, copies of the manufacturer's specifications for temperature monitors and flow monitoring devices, and the most recent satisfactory stack test reports required by this permit

shall be maintained on-site for a period of five years and shall be made available to representatives of the TCEQ or any air pollution control agencies having jurisdiction upon request.

The amendment application, PI-1 dated May 29, 2013, was determined not to be subject to major new source review by identifying projected actual emission rates for one or more facilities potentially affected by the project. Actual emissions from these facilities shall be monitored, recorded and reports made in accordance with 30 TAC § 116.127.

Periodic Reports

70. The holder of this permit shall submit to the TCEQ Beaumont Regional Office quarterly reports. Each report shall contain the number of days of SRU downtime for the previous four-year period.

Greenhouse Gases (GHG)

71. Emission limitations, monitoring, recordkeeping, and reporting requirements of this section shall not become effective until construction and startup of Coker DCU 844 as authorized in the Coker Project PI-1 dated, February 27, 2017). The permit holder shall retain a copy of any start-up notifications required under General Condition 4.
72. Any calculation for carbon dioxide equivalent (CO_{2e}) emission rates required by this permit shall employ Global Warming Potentials (GWP) contained in Greenhouse Gas Regulations, 40 CFR Part 98, Subpart A, Table A-1, as amended on December 11, 2014 (79 FR 73779).
73. Where a methodology of 40 CFR Part 98 is referenced in this permit, such reference method shall be modified as follows:
- A. References to annual measurements shall be construed as rolling 12-month totals if the relevant parameter is measured on a monthly or more frequent basis.
 - B. References to annual measurements that are not measured at a frequency greater than one month (e.g., quarterly or semiannual) shall be construed as the average of the most recent measurements based on a rolling 12-month period (e.g., average of 4 quarterly or 2 semiannual measurements).
74. Operational and Monitoring requirements for Combustion Devices
- A. Rolling 12-month CO_{2e} emissions shall be calculated each month using the methods provided at 40 CFR § 98.34(a)
 - B. Combustion devices shall be operated with a net thermal efficiency of no less than 80 percent on a 12-month rolling average, excluding periods of maintenance, startup and shutdown. This shall be ensured by using the following good combustion practices: operating each device at an optimum air-fuel ratio, limiting the device's operating temperature to the extent practicable, and reducing heat loss through the use of insulating materials where feasible.
 - C. Thermal efficiency shall be calculated and recorded at least monthly using equation G-1 from American Petroleum Institute (API) method 560 (4th ed. or later), Annex G using monitoring data collected as required under this permit, other quality-assured data, and engineering judgment.

If the maximum range between twelve or more consecutive monthly efficiency calculations does not exceed 5 percentage points, and each calculation demonstrates compliance with the minimum efficiency requirements of this paragraph, the permit holder may elect to reduce the frequency of performing the calculation to quarterly (skipping up to two monthly calculations); provided, however, that:

- (1) In case a quarterly efficiency calculation yields an efficiency value outside of the maximum range specified in this previous paragraph, monthly efficiency calculations shall be resumed.
- (2) In case a quarterly efficiency calculation shows non-compliance with the minimum efficiency requirement of this paragraph, the permit holder shall assume that a condition of non-compliance occurred during each month of the previous quarter where a calculation was skipped.

- D. The higher heating value (HHV) of the fuel shall be determined and recorded on a semiannual basis following procedures provided at 40 CFR § 98.34(a)(6).

The carbon content of the fuel shall be determined and recorded on a semiannual basis following the procedures provided at 40 CFR § 98.34(b)(3)

- E. For facilities not equipped with a CEMS, the permit holder shall continuously monitor and record the exhaust temperature and the oxygen content of the flue gas for each combustion device. Monitoring devices shall reduce temperature and oxygen readings to six-minute averages or less and record readings at that frequency.

The temperature monitor shall be installed, calibrated or have a calibration check performed at least annually, and maintained according to the manufacturer's specifications. The device shall have an accuracy of the greater of ± 2 percent of the temperature being measured expressed in degrees Celsius or $\pm 2.5^{\circ}\text{C}$.

Oxygen analyzers shall be quality-assured at least quarterly using cylinder gas audits (CGAs) in accordance with 40 CFR Part 60, Appendix F, Procedure 1, § 5.1.2. A relative accuracy test audit (RATA) is required once every four quarter in accordance with 40 CFR Part 60, Appendix F, Procedure 1, § 5.1.1.

Quality assured (or valid) data must be generated when the combustion device is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the VCU operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

- F. The permit holder shall install, calibrate, maintain, and operate a continuous fuel flow monitor and record the average hourly fuel gas consumption of each combustion device. Fuel flow meters shall be calibrated as provided for at 40 CFR § 98.34(b)(1).

75. Each flare covered by this permit shall be subject to the following requirements.

- A. The flare shall be operated as specified in Special Condition 6, as applicable in order to minimize emissions of methane from the flare.
- B. Emissions of GHG shall be calculated as specified in 40 CFR § 98.253(b), and rolling 12-month GHG emission totals from each flare shall be updated on a monthly basis.

Special Conditions

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 50

76. The following requirements apply to the marine loading vapor combustor (EPN E-MC-24-25) and temporary vapor combustor units authorized pursuant to Special Condition No. 94.
- A. The minimum destruction/removal efficiency requirements of Special Conditions 7 and 94 shall apply to emissions of methane from the control device.
 - B. In addition to pollutants specified in paragraph B of Special Condition 53, the permit holder shall perform stack sampling for emissions of methane from the control device in order to demonstrate compliance with paragraph A of this Special Condition. This provision does not apply to temporary control devices used to control emissions from MSS activities per Special Condition No. 94.
 - C. Emissions of GHG shall be calculated as specified in 40 CFR §§ 98.253(j), (n), as applicable, and rolling 12-month GHG emission totals from each control device shall be updated on a monthly basis.
77. The following requirements apply to delayed coking operations covered by the permit.
- A. Emissions of methane from coke drum depressurization and opening operations shall be controlled as specified in Special Condition 41 of the permit.
 - B. Emissions of GHG shall be calculated as specified in 40 CFR §§ 98.253(i), as applicable, and rolling 12-month GHG emission totals from delayed coking operations shall be updated on a monthly basis.
78. The following requirements apply to each sulfur recovery plant covered by the permit.
- A. Emissions of GHG shall be calculated as specified in 40 CFR §§ 98.253(f), as applicable, and rolling 12-month GHG emission totals from the sulfur recovery plant shall be updated on a monthly basis.
79. The following requirements apply to process vents covered by the permit.
- A. The prohibition on non-fugitive releases of process vent emissions specified in Special Condition 2 shall apply to emissions of methane.
 - B. Control devices used to control process vent emissions shall comply with Special Condition 1 or 2 of this permit, as applicable.
 - C. Emissions of GHG from process vents shall be calculated as specified in 40 CFR §§ 98.253(i), or any other method of calculation otherwise specified in this permit and rolling 12-month GHG emission totals from process vents shall be updated on a monthly basis.
80. Emissions from leaking piping components (EPN C-REFFUG) shall be minimized as follows.
- A. The permit holder shall implement a Leak Detection and Repair Program for emissions of VOC as a surrogate for methane, as specified in Special Condition 59. The permit holder shall tag all components and maintain a record of all fugitive components subject to this provision. The record shall be made available upon requests.
 - B. Total rolling 12-month GHG emissions shall be calculated as provided for at 40 CFR § 98.253(l), except that mass emission rates shall be converted and recorded in units of short tons per year.

81. The following requirements apply to storage tanks T-112, T-113, and T-114 covered by this permit.
- A. Storage tanks shall be designed and operated as specified in Special Condition 9, except that paragraph 1 of Special Condition 9, concerning aggregate partial pressures above which additional control is required, is revised to apply to total hydrocarbons rather than to VOC.
 - B. Emissions of GHG from storage tanks shall be calculated as specified in 40 CFR §§ 98.253(m), or any other method of calculation otherwise specified in this permit and rolling 12-month GHG emission totals from each storage shall be updated on a monthly basis.
82. The permit holder shall comply with all applicable control monitoring and recordkeeping requirements of permits 6825A and PSDTX49M2 pertaining to planned MSS activities.

Planned Maintenance, Start-Up, and Shutdown

83. This permit authorizes the emissions from the facilities identified in Attachment 6 for the planned MSS activities summarized in the MSS Activity Summary (Attachment 5) attached to this permit.

Attachment 3 identifies the inherently low emitting MSS activities that may be performed at the refinery. Emissions from activities identified in Attachment 3 shall be considered to be equal to the potential to emit represented in the permit application. The estimated emissions from the activities listed in Attachment 3 must be revalidated annually. This revalidation shall consist of the estimated emissions for each type of activity and the basis for that emission estimate.

Routine maintenance activities, as identified in Attachment 4 may be tracked through the work orders or equivalent. Emissions from activities identified in Attachment 4 shall be calculated using the number of work orders or equivalent that month and the emissions associated with that activity identified in the permit application.

The performance of each planned MSS activity not identified in Attachments 3 or 4 and the emissions associated with it shall be recorded and include at least the following information:

- A. the process unit at which emissions from the MSS activity occurred, including the emission point number and common name of the process unit;
- B. the type of planned MSS activity and the reason for the planned activity;
- C. the common name or the facility identification number, if applicable, of the facilities at which the MSS activity and emissions occurred;
- D. the date on which the MSS activity occurred;
- E. the estimated quantity of each air contaminant, or mixture of air contaminants, emitted with the data and methods used to determine it. The emissions shall be estimated using the methods identified in the permit application, consistent with good engineering practice.

All MSS emissions shall be summed monthly and the rolling 12-month emissions shall be updated on a monthly basis.

84. Process units and facilities, with the exception of those identified in Special Condition 86 (related to Floating Roof Tanks), 87 (related to Fixed Roof Tanks), 90 (related to frac or temporary tanks), and activities listed in Attachment 3, shall operate in accordance with the following requirements during MSS.

- A. The process equipment shall be depressurized to a control device or a controlled recovery system prior to venting to atmosphere, degassing, or draining liquid. Equipment that only contains material that is liquid with VOC partial pressure less than 0.50 psi at the normal process temperature and 95°F may be opened to atmosphere and drained in accordance with paragraph C of this special condition. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded.
- B. If mixed phase materials must be removed from process equipment, the cleared material shall be routed to a knockout drum or equivalent to allow for managed initial phase separation or directed to the oil water sewer system for delivery to the wastewater treatment system. If the VOC partial pressure is greater than 0.50 psi at either the normal process temperature or 95°F, any vents in the system must be routed to a control device or a controlled recovery system. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded. Control must remain in place until degassing has been completed or the system is no longer vented to atmosphere.
- C. All liquids from process equipment shall be removed to the maximum extent practical prior to opening equipment to commence degassing and/or maintenance. Liquids with a VOC TVP greater than or equal to 0.044 psia at 68°F shall be drained into a closed vessel or oily water sewer system unless prevented by the physical configuration of the equipment. If it is necessary to drain liquid into an open pan or sump, the liquid shall be covered or transferred to a covered vessel within one hour of being drained. After draining is complete, empty open pans may remain in use for housekeeping reasons to collect incidental drips.

If the VOC partial pressure is greater than 0.50 psi at the normal process temperature or 95°F, facilities shall be degassed using good engineering practice to ensure air contaminants are removed from the system through the control device or controlled recovery system to the extent allowed by process equipment or storage vessel design. The vapor pressure at 95°F may be used if the actual temperature of the liquid is verified to be less than 95°F and the temperature is recorded. The facilities to be degassed shall not be vented directly to atmosphere, except as necessary to establish isolation of the work area or to monitor VOC concentration or LEL following controlled depressurization. The venting shall be minimized to the maximum extent practicable and actions taken recorded.

The following requirements do not apply to fugitive components, pumps, compressors and vessels with fixed bed catalysts.

- (1) For MSS activities identified in Attachment 4, the following option may be used in lieu of (2) below. The facilities being prepared for maintenance shall not be vented directly to atmosphere, except as necessary to verify an acceptable VOC concentration and establish isolation of the work area, until the VOC concentration has been verified to be less than 10 percent of the lower explosive limit (LEL) (or equivalent) per the site safety procedures (i.e., hot work or vessel entry procedures).
- (2) The locations and/or identifiers where the purge gas or steam enters the process equipment and the exit points for the exhaust gases shall be recorded (process flow diagrams [PFDs] or piping and instrumentation diagrams [P&IDs] may be used to demonstrate compliance with the requirement). If the process equipment is purged with a gas, two system volumes of purge gas must have passed through the control device or controlled recovery system before the vent stream may be sampled to verify acceptable VOC concentration prior to uncontrolled venting. The VOC sampling and analysis shall be performed using an instrument meeting the requirements of Special

Condition 85. The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged. If there is not a connection (such as a sample, vent, or drain valve) available from which a representative sample may be obtained, a sample may be taken upon entry into the system after degassing has been completed. The sample shall be taken from inside the vessel so as to minimize any air or dilution from the entry point. The facilities shall be degassed to a control device or controlled recovery system until the VOC concentration is less than 10,000 ppmv or 10 percent of the LEL.

- (3) Alternatively, the process equipment may be filled with a liquid with a VOC vapor pressure less than 0.147 psi while venting to control. If it can be verified that the liquid filled the entire process equipment or vessel, no sampling is necessary. If not, the VOC concentration shall be verified to be less than 10,000 ppmv or 10 percent of the LEL using an instrument meeting the requirements of Special Condition 85 while purging to control immediately after draining the liquid from the system. The locations and/or identifiers where the liquid enters the process equipment or storage vessel and the exit points for the exhaust gases shall be recorded (PFDs, P&IDs, or T&I Plans) may be used to demonstrate compliance with the requirement).

- D. Equipment with VOC TVP greater than 0.50 psi may be vented directly to atmosphere if all the following criteria are met:

- (1) It is not technically practicable to depressurize or degas, as applicable, into the process.
- (2) There is not an available connection to a plant control system (flare).
- (3) There is no more than 50 lb of air contaminant to be vented to atmosphere during shutdown or startup, as applicable.

All instances of venting directly to atmosphere per Special Condition 84.D must be documented when occurring as part of any MSS activity. The emissions associated with venting without control must be included in the work order, shift logs, or equivalent for those planned MSS activities identified in Attachment 4.

85. Air contaminant concentration shall be measured using an instrument/detector meeting one set of requirements specified below.

- A. VOC concentration shall be measured using an instrument meeting all the requirements specified in EPA Method 21 (40 CFR 60, Appendix A) with the following exceptions:

- (1) The instrument shall be calibrated within 24 hours of use with a calibration gas such that the response factor (RF) of the VOC (or mixture of VOCs) to be monitored shall be less than 2.0. The calibration gas and the gas to be measured, and its approximate RF shall be recorded. If the RF of the VOC (or mixture of VOCs) to be monitored is greater than 2.0, the VOC concentration shall be determined as follows:

VOC Concentration = Concentration as read from the instrument*RF

In no case should a calibration gas be used such that the RF of the VOC (or mixture of VOCs) to be monitored is greater than 5.0.

- (2) Sampling shall be performed as directed by this permit in lieu of section 8.3 of Method 21. During sampling, data recording shall not begin until after two times the instrument response time. The date and time shall be recorded, and VOC concentration shall be monitored for at least 5 minutes, recording VOC concentration each minute. As an alternative the VOC concentration may be monitored over a five-minute period with an instrument designed to continuously measure concentration and record the highest concentration read. The highest measured VOC concentration shall be recorded and shall not exceed the specified VOC concentration limit prior to uncontrolled venting.
 - (3) If a TVA-1,000 series FID analyzer calibrated with methane is used to determine the VOC concentration, a measured concentration of 34,000 ppmv may be considered equivalent to 10,000 ppm as VOC.
- B. Colorimetric gas detector tubes may be used to determine air contaminant concentrations if they are used in accordance with the following requirements.
- (1) The air contaminant concentration measured as defined in (3) is less than 80 percent of the range of the tube and is at least 20 percent of the maximum range of the tube.
 - (2) The tube is used in accordance with the manufacturer's guidelines.
 - (3) At least 2 samples taken at least 5 minutes apart must satisfy the following prior to uncontrolled venting:
measured contaminant concentration (ppmv) < release concentration.
Where the release concentration is:
 $10,000 \times \text{mole fraction of the total air contaminants present that can be detected by the tube.}$
The mole fraction may be estimated based on process knowledge. The release concentration and basis for its determination shall be recorded.
Records shall be maintained of the tube type, range, measured concentrations, and time the samples were taken.
- C. Lower explosive limit measured with a lower explosive limit detector.
- (1) The detector shall be calibrated within 30 days of use with a certified pentane gas standard at 25% of the lower explosive limit (LEL) for pentane. Records of the calibration date/time and calibration result (pass/fail) shall be maintained.
 - (2) A functionality test shall be performed on each detector within 24 hours of use with a certified gas standard at 25% of the LEL for pentane. The LEL monitor shall read no lower than 90% of the calibration gas certified value. Records, including the date/time and test results, shall be maintained.
 - (3) A certified methane gas standard equivalent to 25% of the LEL for pentane may be used for calibration and functionality tests provided that the LEL response is within 95% of that for pentane.
For measuring benzene breakthrough on Carbon Adsorption Systems in Special Condition No. 94.C(4), a portable gas chromatograph using a flame ionization detector or photo ionization detector may be used. Alternatively, a photo-ionization detector equipped with a benzene separation tube consistent with manufacturer requirements may be used. The monitor shall have the sensitivity and specificity to quantify low level benzene concentrations. The monitor device shall be calibrated within 24 hours of use

with a certified calibration gas containing ~5 ppm benzene. Records of the calibration date/time and calibration result shall be maintained.

86. This permit authorizes emissions from the storage tanks identified in the attached facility list during planned floating roof landings. Tank floating roofs may only be landed for changes of tank service or tank inspection/maintenance as identified in the permit application, except when the VOC vapors below the floating roof are routed to a control device or a controlled recovery system from the time the floating roof is landed until the floating roof is refloated. Tank change of service includes landings to accommodate seasonal RVP spec changes and landings to correct off-spec material that cannot be blended into finished product tanks. Tank roof landings include all operations when the tank floating roof is on its supporting legs. These emissions are subject to the maximum allowable emission rates indicated on the MAERT. The following requirements apply to tank roof landings. Special Condition 88 includes additional specific requirements for Tanks T-112, T-113, and T-114.

- A. The tank liquid level shall be continuously lowered after the tank floating roof initially lands on its supporting legs until the tank has been drained to the maximum extent practicable without entering the tank. Liquid level may be maintained steady for a period of up to two hours if necessary to allow for valve lineups and pump changes necessary to drain the tank. This requirement does not apply where the vapor under a floating roof is routed to control during this process.

This requirement does not apply if the level is lowered to allow for maintenance that is expected to be completed in less than 24 hours. In that case, the tank must be filled and the roof floated within 24 hours of landing the roof and the evolution documented in accordance with Paragraph E of this condition.

- B. If the VOC TVP of the liquid previously stored in the tank is greater than 0.50 psi at 95°F, tank refilling or degassing of the vapor space under the landed floating roof must begin within 24 hours after the tank has been drained. Floating roof tanks with liquid capacities less than 100,000 gallons may be degassed without control if the VOC TVP of the standing liquid in the tank has been reduced to less than 0.02 psia prior to ventilating the tank. Controlled degassing of the vapor space under landed roofs shall be completed as follows:
- (1) Any gas or vapor removed from the vapor space under the floating roof must be routed to a control device or a controlled recovery system and controlled degassing must be maintained until the VOC concentration is less than 10,000 ppmv or 10 percent of the LEL. The locations and identifiers of vents other than permanent roof fittings and seals, control device or controlled recovery system, and controlled exhaust stream shall be recorded. There shall be no other gas/vapor flow out of the vapor space under the floating roof when degassing to the control device or controlled recovery system.
 - (2) The vapor space under the floating roof shall be vented using good engineering practice to ensure air contaminants are flushed out of the tank through the control device or controlled recovery system to the extent allowed by the storage tank design.
 - (3) A volume equivalent to twice the volume of the vapor space under the floating roof must have passed through the control device or into a controlled recovery system, before the vent stream may be sampled to verify acceptable VOC concentration. The volume measurement shall not include any make-up air introduced into the control device or recovery system. The VOC sampling and analysis shall be performed as specified in Special Condition 85.

- (4) The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged.
 - (5) If ventilation is to be maintained with emission control, the VOC concentration shall be recorded once an hour.
 - (6) Degassing must be performed every 24 hours unless there is no standing liquid in the tank or the VOC TVP of the remaining liquid in the tank is less than 0.15 psia.
- C. The tank shall not be opened or ventilated without control, except as allowed below until one of the criteria in Paragraph D of this condition is satisfied.
 - (1) Minimize air circulation in the tank vapor space.
 - (a) One manway may be opened to allow access to the tank to remove or de-volatilize the remaining liquid. Other manways or access points may be opened as necessary to remove or de-volatilize the remaining liquid. Wind barriers shall be installed at all open manways and access points to minimize air flow through the tank.
 - (b) Access points shall be closed when not in use.
 - (2) Minimize time and VOC partial pressure.
 - (a) The VOC partial pressure of the liquid remaining in the tank shall not exceed 0.044 psi as documented by the method specified in Part D.(1) of this condition;
 - (b) Blowers may be used to move air through the tank without emission control. All standing liquid shall be removed from the tank during this period.
 - (c) Records shall be maintained of the blower circulation rate, the duration of uncontrolled ventilation, and the date and time all standing liquid was removed from the tank.
- D. The tank may be opened without restriction and ventilated without control, after all standing liquid has been removed from the tank or the liquid remaining in the tank has a VOC partial pressure less than 0.02 psia. These criteria shall be demonstrated in any one of the following ways.
 - (1) Low VOC partial pressure liquid that is soluble with the liquid previously stored may be added to the tank to lower the VOC partial pressure of the liquid mixture remaining in the tank to less than 0.02 psia. This liquid shall be added during tank degassing if practicable. The estimated volume of liquid remaining in the drained tank and the volume and type of liquid added shall be recorded. The liquid VOC partial pressure may be estimated based on this information and engineering calculations.
 - (2) If water is added or sprayed into the tank to remove standing VOC, one of the following must be demonstrated:
 - (a) Take a representative sample of the liquid remaining in the tank and verify no visible sheen using the static sheen test from 40 CFR Part 435, Subpart A, Appendix 1.
 - (b) Take a representative sample of the liquid remaining in the tank and verify hexane soluble VOC concentration is less than 1,000 ppmw using EPA method 1664 (may also use 8260B or 5030 with 8015 from SW-846).

- (c) Stop ventilation and close the tank for at least 24 hours. When the tank manway is opened after this period, verify VOC concentration is less than 1,000 ppmv through the procedure in Special Condition 85.
- (3) No standing liquid verified through visual inspection.
The permit holder shall maintain records to document the method used to release the tank.
- E. Tanks shall be refilled as rapidly as practicable until the roof is off its legs unless the vapor space under the floating roof is routed to a control device during refilling.
- F. The occurrence of each roof landing and the associated emissions shall be recorded, and the rolling 12-month tank roof landing emissions shall be updated on a monthly basis. These records shall include at least the following information:
 - (1) the identification of the tank and emission point number, and any control devices or recovery systems used to reduce emissions;
 - (2) the reason for the tank roof landing;
 - (3) for the purpose of estimating emissions, the date and time of each of the following events:
 - (a) the roof was initially landed,
 - (b) all liquid was pumped from the tank to the extent practical,
 - (c) start and completion of controlled degassing, and total volumetric flow,
 - (d) all standing liquid was removed from the tank or any transfers of low VOC TVP liquid to or from the tank including volumes and vapor pressures to reduce tank liquid VOC TVP to <0.02 psi,
 - (e) if there is liquid in the tank, VOC TVP of liquid, start and completion of uncontrolled degassing, and total volumetric flow,
 - (f) refilling commenced, liquid filling the tank, and the volume necessary to float the roof; and
 - (g) tank roof off supporting legs, floating on liquid;
 - (4) the estimated quantity of each air contaminant, or mixture of air contaminants, emitted between events (a) and (e) with the data and methods used to determine it. The emissions associated with roof landing activities shall be calculated using the methods described in Section 7.1.3.2 of AP-42 "Compilation of Air Pollution Emission Factors, Chapter 7 - Storage of Organic Liquids" dated November 2006 and the permit application.
- 87. Fixed roof storage tanks are subject to the requirements of Special Conditions 86.C and 86.D. If the ventilation of the vapor space is controlled, the emission control system shall meet the requirements of Special Conditions 88(B)(1) through 88(B)(5). Records maintained per Special Conditions 88(F)(3)(c) through 88(F)(3)e, and 88(F)(4).
- 88. The following conditions apply to tank landings from Tanks T-112, T-113, and T-114.
 - A. Landings are limited to one event per rolling 12-month period.

- B. At all times that the roof is resting on its leg supports, the tank emissions shall be controlled by a closed vent system and control device meeting the following specifications:
- (1) The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background and visual inspections, as determined in part 60, subpart VV, § 60.485(b).
 - (2) The locations and identifiers of vents other than permanent roof fittings and seals, control device or controlled recovery system, and controlled exhaust stream shall be recorded. There shall be no other gas/vapor flow out of the vapor space under the floating roof when the vapor space is directed to the control device. The vapor recovery system collection rate shall be no less than 100 cubic feet per minute when the tank is idle or the tank is being drained, and two times the fill rate when the tank is being refilled.
 - (3) Controlled emissions shall be vented to a vapor combustor satisfying the requirements of Special Condition 94

The roof shall be landed on its lowest legs unless entry or inspection is planned.

The requirements of this paragraph do not apply to uncontrolled degassing and/or ventilation conducted pursuant to paragraphs B–E of Special Condition 86, except that paragraph (C)(2) does not apply to these tanks. Instead, the manway opening limits specified in Special Condition 88 (C)(1)(a) apply during uncontrolled venting of emissions. Mechanical ventilation used to remove vapors during uncontrolled venting shall not exceed a combined rating of 330 cubic feet per minute.

- C. The tank fill rates shall not exceed 10,000 bbls/hour until the roof is refloated.

89. The following requirements apply to vacuum and air mover truck operations at this site:

- A. Vacuum pumps and blowers shall not be operated on trucks containing or vacuuming liquids with VOC TVP greater than 0.50 psi at 95°F unless the vacuum/blower exhaust is routed to a control device or a controlled recovery system.
- B. Equip fill line intake with a “duckbill” or equivalent attachment if the hose end cannot be submerged in the liquid being collected.
- C. A daily record containing the information identified below is required for each vacuum truck in operation at the site each day.
 - (1) Prior to initial use, identify any liquid in the truck. Record the liquid level and document that the VOC TVP is less than 0.50 psi if the vacuum exhaust is not routed to a control device or a controlled recovery system. After each liquid transfer, identify the liquid transferred and document that the VOC TVP is less than 0.50 psi if the vacuum exhaust is not routed to a control device or a controlled recovery system.
 - (2) For each liquid transfer made with the vacuum operating, record the duration of any periods when air may have been entrained with the liquid transfer. The reason for operating in this manner and whether a “duckbill” or equivalent was used shall be recorded. Short, incidental periods, such as those necessary to walk from the truck to the fill line intake, do not need to be documented.
 - (3) If the vacuum truck exhaust is controlled with a control device other than an engine or oxidizer, VOC exhaust concentration upon commencing each transfer, at the end of

each transfer, and as required by Special Condition 94, measured using an instrument meeting the requirements of Special Condition 85.

- (4) The volume in the vacuum truck at the end of the day, or the volume unloaded, as applicable.
 - D. The permit holder shall determine the vacuum truck emissions each month using the daily vacuum truck records and the calculation methods utilized in the permit application. If records of the volume of liquid transferred for each pick-up are not maintained, the emissions shall be determined using the physical properties of the liquid vacuumed with the greatest potential emissions. Rolling 12-month vacuum truck emissions shall also be determined on a monthly basis.
 - E. If the VOC TVP of all the liquids vacuumed into the truck is less than 0.10 psi, this shall be recorded when the truck is unloaded or leaves the plant site and the emissions may be estimated as the maximum potential to emit for a truck in that service as documented in the permit application. The recordkeeping requirements in Special Condition 91(A) through 91(D) do not apply.
90. The following requirements apply to frac, or temporary, tanks and vessels used in support of MSS activities.
- A. Except for labels, logos, etc. not to exceed 15 percent of the tank/vessel total surface area, the exterior surfaces of these tanks/vessels that are exposed to the sun shall be white or aluminum effective May 1, 2013. This requirement does not apply to tanks/vessels that only vent to atmosphere when being filled.
 - B. These tanks/vessels must be covered and equipped with fill pipes that discharge within 6 inches of the tank/vessel bottom.
 - C. These requirements do not apply to vessels storing less than 25 barrels of liquid that are closed such that the vessel does not vent to atmosphere.
 - D. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all frac tanks for the previous calendar month and the past consecutive 12 previous months. The record shall include tank identification number, dates put into and removed from service, control method used, tank capacity and volume of liquid stored in gallons, name of the material stored, VOC molecular weight, and VOC TVP at the estimated monthly average material temperature in psia. Filling emissions for tanks shall be calculated using the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations" and standing emissions determined using: The TCEQ publication titled "Technical Guidance Package for Chemical Sources - Storage Tanks."
 - E. If the tank/vessel is used to store liquid with VOC TVP less than 0.10 psi at 95°F, records may be limited to the days the tank is in service and the liquid stored. Emissions may be estimated based upon the potential to emit as identified in the permit application.
91. The MSS activities represented in the permit application may be authorized under permit by rule only if the procedures, emission controls, monitoring, and recordkeeping are the same as those required by this permit.
92. The following conditions apply to process units related to the Coker Permit (TCEQ Project 266018):

Special Conditions

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 60

- A. Controlled startup, shutdown, and maintenance emissions from facilities associated with Coker Unit 844 (compressor, depropanizer, and debutanizer) as well as uncontrolled venting due to facility opening. Controlled emissions shall be vented to Flare 26. Emissions are authorized under EPN E-MSS-CEP.
 - B. Controlled SRU 547 shutdown emissions as well as uncontrolled equipment degassing and venting. Controlled emissions shall be routed to Flare 23 (EPN E-23-FLARE). Emissions are authorized under EPN E-MSS-CEP.
 - C. Start-up of Coker furnaces 844-H1 and 844-H2 (EPNs E-01-844 and E-02-844) MSS.
93. All permanent facilities must comply with all operating requirements, limits, and representations in the permits identified in Attachment 6 during planned startup and shutdown unless alternate requirements and limits are identified in this permit. Alternate requirements for emissions from routine emission points are identified in Paragraph B of this condition:
- A. Combustion units, with the exception of flares, at this site are exempt from nitrogen oxides (NO_x), carbon monoxide (CO), and anhydrous ammonia (NH₃) operating requirements identified in special conditions in other NSR permits during planned startup and shutdown if the following criteria are satisfied.
 - (1) The maximum allowable emission rates in the permit authorizing the facility are not exceeded.
 - (2) The startup period does not exceed 16 hours in duration and the firing rate does not exceed 75 percent of the design firing rate. The time it takes to complete the shutdown does not exceed 16 hours.
 - (3) Control devices are started and operating properly when venting a waste gas stream.
 - (4) This permit authorizes emissions from FCCU 1241 Heaters B-103A (EPN E-01-1241) and B-103B (EPN E-02-1241) to heat the charge to FCCU 1241 and establish circulation during planned start-ups of FCCU 1241. The FCCU 1241 Heaters B-103A (EPN E-01-1241) and B-103B (EPN E-02-1241) shall each operate no more than 500 hours in any calendar year. The hours of operation of each heater shall be recorded.
 - B. The limits identified below apply to the operations of the specified facilities during startup and shutdown. **(10/24)**

EPN	Source Name	Pollutant or Criteria	Limit	Duration
E-01-844 E-02-844	DCU 844 Coker Furnaces 1 and 2	NO _x	0.15 lb/MMBtu	48 Hours ¹
		CO	500 ppmv	8 Hours
E-01-146	Heater 146 H-101	CO	500ppmv	8 Hours
E-02-146	Heater 146 H-102A/B	CO	500ppmv	8 Hours
E-01-WGS	FCCU Wet Gas Scrubber	WGS Delta P	0.12 inches H ₂ O	72 Hours
		WGS Liquid-Gas Ratio	0.024 gal/scf	72 Hours
		WGS Scrubber Q	3720 gpm	72 Hours

EPN	Source Name	Pollutant or Criteria	Limit	Duration
		CO Concentration/ Emissions	2,000 ppmv or 3,992.64 lb/hr	72 Hours
E-01-SCOT, E-02-SCOT, E-03-SCOT, E-04-SCOT, E-05-SCOT	SRU 543, SRU 544, SRU-545, SRU 546, SRU 547	Efficiency	97.5 percent	24 Hours
		H ₂ S	45 ppm	24 Hours
		Visible Emissions	20 percent	24 Hours
E-05-SCOT	SRU 547	SO ₂ Concentration / Emissions	600 ppmvd at zero percent excess air (hourly basis) or 81.46 lb/hr	72 hours
FGMD	Fuel Gas System	H ₂ S	300 ppm	16 Hours
E-01-147, E-02- 147	Heater 147-F-1100, Heater 147-F-1200	NO _x	0.35 lb/MMBtu	16 Hours
		CO	500 ppm	16 Hours
E-01-943	HCU - Reactor 1 and Reactor 2 Furnaces	NO _x	0.35 lb/MMBtu	200 Hours
		CO	500 ppm	200 Hours
E-02-943	HCU - Fractionator Feed Furnace	NO _x	0.35 lb/MMBtu	200 Hours
		CO	500 ppm	200 Hours
E-01-843, E-02- 843, E-03-843	Heater 843-H1, Heater 843-H2, Heater 843-H3	NO _x	0.15 lb/MMBtu	72 Hours
		CO	500 ppm	72 Hours
E-01-BLR	Steam Boiler	NO _x	0.15 lb/MMBtu	8 Hours
		CO	500 ppm	8 Hours

¹Duration represents the total number of hours on a 12-month basis.

- C. Controlled SRU 547 shut-down emissions to flare EPN E-23-FLARE are limited to 4 hours in any 12-month period.
 - D. A record shall be maintained indicating that the start and end times for each of the activities identified above occur and documentation that the requirements for each have been satisfied.
94. The following requirements apply to temporary MSS facilities:
- A. This permit authorizes emissions from the following temporary facilities used to support planned MSS activities at permanent site facilities: Portable control devices identified in this special condition and controlled recovery systems. Emissions from temporary facilities are authorized provided the temporary facility (a) does not remain on the plant site for more than 12 consecutive months, (b) is used solely to support planned MSS activities at the permanent site facilities listed in this Attachment, and (c) does not operate as a replacement for an existing authorized facility.
 - B. Control devices required by this permit for emissions from planned MSS activities are limited to those types identified in this condition. Except as specified in this condition, control devices shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours. Each device used must meet all the

requirements identified for that type of control device. Fuel gas combusted in the control devices shall be sweet natural gas containing no more than 0.2 grains of total sulfur per 100 dry standard cubic feet.

Controlled recovery systems identified in this permit shall be directed to an operating process or to a collection system that is vented through a control device meeting the requirements of this permit condition.

C. Carbon Adsorption System (CAS)

- (1) The CAS shall consist of 2 carbon canisters in series with adequate carbon supply for the emission control operation.
- (2) The CAS shall be sampled downstream on the first can and the concentration recorded at least once every hour of CAS run time to determine breakthrough of the VOC. The sampling frequency may be extended using either of the following methods:
 - (a) CAS systems equipped with an upstream liquid scrubber may be sampled once every 12 hours of CAS run time to determine breakthrough.
 - (b) Sampling frequency may be extended to up to 30 percent of the minimum potential saturation time for a new can of carbon. The permit holder shall maintain records including the calculations performed to determine the minimum saturation time.
 - (c) The carbon sampling frequency may be extended to longer periods based on previous experience with carbon control of a MSS waste gas stream. The past experience must be with the same VOC, type of facility, and MSS activity. The basis for the sampling frequency shall be recorded. If breakthrough is monitored on the initial sample of the upstream can when the polishing can is put in place, a permit deviation shall be recorded
- (3) The method of VOC sampling and analysis shall be by detector meeting the requirements of Special Condition 85.
- (4) Breakthrough is defined as the highest measured VOC or benzene concentration at or exceeding 100 ppmv or 5 ppmv, respectively, above background. When the condition of breakthrough of VOC from the initial saturation canister occurs, the waste gas flow shall be switched to the second canister and a fresh canister shall be placed as the new final polishing canister within twenty-four hours. In lieu of replacing canisters, the flow of waste gas may be discontinued until the canisters are switched. Sufficient new activated carbon canisters shall be available to replace spent carbon canisters such that replacements can be done in the above specified time frame.
- (5) Records of CAS monitoring shall include the following:
 - (a) Sample time and date.
 - (b) Monitoring results (ppmv).
 - (c) Canister replacement log.
- (6) Single canister systems are allowed if the time the carbon canister is in service is limited to no more than 30 percent of the minimum potential saturation time. The permit holder shall maintain records for these systems, including the calculations performed to determine the saturation time. The time limit on carbon canister service shall be recorded and the expiration date attached to the carbon can.

- (7) Liquid scrubbers may be used upstream of carbon canisters to enhance VOC capture provided such systems are closed systems and the spent absorbing solution is discharged into a closed container, vessel, or system.

D. Single Carbon Adsorption or Scrubber System

As an alternative to the requirements in Subparagraphs A(6) and A(7), a single liquid scrubbing or single carbon adsorption system may be used as a sole control device if the requirements below are satisfied.

- (1) The exhaust to atmosphere shall be continuously monitored with a CEMS. The VOC concentration shall be recorded at least once every 15 minutes when waste gas is directed to the CAS or scrubber.
- (2) The method of VOC sampling and analysis shall be by detector meeting the requirements of Special Condition 85 except Paragraph C of Special Condition 85.

An alarm shall be installed such that an operator is alerted when outlet VOC concentration exceeds 100 ppmv above background and 2 percent of the system inlet concentration. Inlet concentration must be monitored as well. The MSS activity shall be stopped as soon as possible when the VOC concentration exceeds 100 ppmv above background for more than one minute. The date and time of all alarms and the actions taken shall be recorded.

E. Vapor Combustor

- (1) The vapor combustor unit (EPN: C-RCVENT) shall achieve a 99% control of the waste gas directed to it.
- (2) The temperature in, or immediately downstream of the combustion chamber of the vapor combustor shall be maintained at not less than 1400°F and waste gas flows shall be limited to assure at least a 0.5 second residence time in the fire box while waste gas is being fed into the combustor.
- (3) The combustor exhaust temperature shall be continuously monitored and recorded when waste gas is directed to the oxidizer. The temperature measurements shall be made at intervals of six minutes or less and recorded at that frequency.

The temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ± 0.75 percent of the temperature being measured expressed in degrees Celsius or $\pm 2.5^{\circ}\text{C}$.

- (4) The vapor combustor shall be operated with no visible emissions.

F. The plant flare system

- (1) The heating value and velocity requirements in 40 CFR 60.18 shall be satisfied during operations authorized by this permit.
- (2) The flare shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to and shall be calibrated at a frequency in accordance with, the manufacturer's specifications.
- (3) Each flare controlling MSS activities shall be equipped with a continuous flow monitor that provides a record of the flare gas flow and a heating value monitor that measures

the heating value of the flare gas. The flow monitor and heating value monitor sample point shall be installed as near as possible to the flare inlet such that the total vent stream to the flare is measured and analyzed. Readings shall be taken at least once every 15 minutes and the average hourly values of the flow and heating value shall be recorded each hour.

The flow monitors shall be installed and operating in accordance with the specifications in 40 CFR § 60.107a(f)(1) by July 1, 2013. The heating value monitors shall be calibrated, installed, operated, and maintained, in accordance with manufacturer recommendations, to continuously measure and record the net heating value of the gas sent to the flare, in British thermal units/standard cubic foot of gas by November 2015.

- (4) If the flow and/or heating value monitors have not been installed on a flare used to control MSS emissions, the permit holder shall perform engineering calculations using available inputs (such as flow rates and heating values) prior to flaring to determine the quantity of natural gas that must be added to the waste gas to comply with the heating value and velocity requirements in 40 CFR § 60.18. The quantity of gas added, inputs to the calculations, and the calculations shall be recorded.

G. Thermal Oxidizer

- (1) The thermal oxidizer firebox exit temperature shall be maintained at not less than 1,400°F and waste gas flows shall be limited to assure at least a 0.5 second residence time in the fire box while waste gas is being fed into the oxidizer.
- (2) The thermal oxidizer exhaust temperature shall be continuously monitored and recorded when waste gas is directed to the oxidizer. The temperature measurements shall be made at intervals of six minutes or less and recorded at that frequency. Temperature measurements recorded in continuous strip charts may be used to meet the requirements of this section.

The temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ± 0.75 percent of the temperature being measured expressed in degrees Celsius or $\pm 2.5^\circ\text{C}$.

- (3) As an alternative to the firebox exit temperature and residence time specified in Special Condition 96 (G)(1), the thermal oxidizer may be tested to determine the minimum operating temperature and residence time needed to achieve a minimum destruction efficiency of 99 weight percent. Stack VOC concentrations and flow rates shall be measured in accordance with applicable EPA Reference Methods. A copy of the test report shall be maintained with the thermal oxidizer and a summary of the testing results shall be included with the emission calculations

H. Internal Combustion Engine

- (1) The internal combustion engine shall have a VOC destruction efficiency of at least 99 percent.
- (2) The engine must have been stack tested with butane or propane to confirm the required destruction efficiency within the past 12 months. VOC shall be measured in accordance with the applicable United States Environmental Protection Agency (EPA) Reference Method during the stack test and the exhaust flow rate may be determined from measured fuel flow rate and measured oxygen concentration. A copy of the stack test report shall be maintained with the engine. There shall also be documentation of

acceptable VOC emissions following each occurrence of engine maintenance which may reasonably be expected to increase emissions including oxygen sensor replacement and catalyst cleaning or replacement. Stain tube indicators specifically designed to measure VOC concentration shall be acceptable for this documentation, provided a hot air probe or equivalent device is used to prevent error due to high stack temperature, and three sets of concentration measurements are made and averaged. Portable VOC analyzers meeting the requirements of Special Condition 85 are also acceptable for this documentation.

- (3) The engine shall be operated with either a or b below:
 - (a) The engine shall be operated with an oxygen sensor-based air-to-fuel ratio (AFR) controller. Documentation for each AFR controller that the, manufacturer's, or supplier's recommended maintenance has been performed, including replacement of the oxygen sensor as necessary for oxygen sensor-based controllers shall be maintained with the engine. The oxygen sensor shall be replaced at least quarterly in the absence of a specific written recommendation.
 - (b) The engine exhaust to atmosphere shall be monitored continuously and the VOC concentration recorded at least once every 15 minutes when waste gas is directed to the engine. The method of VOC sampling and analysis shall be by detector meeting the requirements of Special Condition 85(A). An alarm shall be installed such that an operator is alerted when outlet VOC concentration exceeds 100 ppmv above background. The MSS activity shall be stopped as soon as possible if the VOC concentration exceeds 100 ppmv above background for more than one minute. The date and time of all alarms and the actions taken shall be recorded.

I. A closed loop refrigerated vapor recovery system

- (1) The vapor recovery system shall be installed on the facility to be degassed using good engineering practice to ensure air contaminants are flushed from the facility through the refrigerated vapor condensers and back to the facility being degassed. The vapor recovery system and facility being degassed shall enclosed except as necessary to insure structural integrity (such as roof vents on a floating roof tank).
- (2) VOC concentration in vapor being circulated by the system shall be sampled and recorded at least once every 4 hours at the inlet of the condenser unit with an instrument meeting the requirements of Special Condition 85.
- (3) The quantity of liquid recovered from the tank vapors and the tank pressure shall be monitored and recorded each hour. The liquid recovered must increase with each reading and the tank pressure shall not exceed one inch water pressure while the system is operating.

J. Other control devices approved by the TCEQ through a permit amendment application or a pollution control permit application.

95. The following requirements apply to capture systems for the thermal oxidizer and plant flare system.

- A. Either conduct a once a month visual, audible, and/or olfactory inspection of the capture system to verify there are no leaking components in the capture system; or verify the capture system is leak-free by inspecting in accordance with 40 CFR Part 60, Appendix A, Test

Method 21 once a year. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppmv above background.

B. The control device shall not have a bypass; or

If there is a bypass for the control device, comply with either of the following requirements:

- (1) Install a flow indicator that records and verifies zero flow at least once every fifteen minutes immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
- (2) Once a month, inspect the valves, verifying the position of the valves and the condition of the car seals that prevent flow out the bypass.

These requirements do not apply to high point vent and low point drain valves. A deviation shall be reported if the monitoring or inspections indicate bypass of the control device when required to be in service per this permit.

C. If any of the above inspections is not satisfactory, the permit holder shall promptly take necessary corrective action. Records shall be maintained documenting the performance and results of the inspections required above.

96. If spray guns are used to apply paint, they shall be airless, high volume low pressure (HVLP), or have the same or higher transfer efficiency as airless or HVLP spray guns.

97. Emissions from all painting activities, except for minor painting identified in Attachment 3 to this permit, at this site must satisfy the criteria below. New compounds may also be added through the use of the procedure below.

- A. Short-term (pounds per hour [lb/hr]) and annual (TPY) emissions shall be determined for each chemical in the paint as documented in the permit application. The calculated emission rate shall not exceed the maximum allowable emissions rate at any emission point.
- B. The Effect Screening Level (ESL) for the material shall be obtained from the current TCEQ ESL list or by written request to the TCEQ Toxicology Division.
- C. The total painting emissions of any compound must satisfy one of the following conditions:
 - (1) The total emission rate is less than 0.1 lb/hr and the ESL greater than or equal to 2 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$); or
 - (2) The emission rate (ER) of the compound in pounds per hour is less than the ESL for the compound divided by 98 ($\text{ER} < \text{ESL}/98$).
- D. The permit holder shall maintain records of the information below and the demonstrations in Paragraphs A through C above. The following documentation is required for each compound:
 - (1) Chemical name(s), composition, and chemical abstract registry number if available.
 - (2) Material Safety Data Sheet.
 - (3) Maximum concentration of the chemical in weight percent.
 - (4) Paint usage and the associated emissions shall be recorded each month and the rolling 12-month total emissions updated.

98. No visible emissions shall leave the property due to painting or abrasive blasting.

Special Conditions

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 67

99. Black Beauty and Garnet Sand may be used for abrasive blasting. The permit holder may also use blast media that meet the criteria below:
- A. The media shall not contain asbestos or greater than 1.0 weight percent crystalline silica.
 - B. The weight fraction of any metal in the blast media with a short-term effects screening level (ESL) less than 50 micrograms per cubic meter as identified in the most recently published TCEQ ESL list shall not exceed the ESL metal/1000.
 - C. The MSDS for each media used shall be maintained on site.
- Blasting media usage and the associated emissions shall be recorded each month and the rolling 12-month total emissions updated.
100. For periods of planned maintenance activity for the Sour Water Stripper operating area, the sour water stripper surge system shall have a reduced minimum on-line retention time of one and a half days based on the sour water flow rate into the tanks. Records of these periods and the corresponding maintenance activity must be maintained and made available upon request.
101. Planned maintenance activities must be conducted in a manner consistent with good practice for minimizing emissions, including the use of air pollution control equipment, practices and processes. All reasonable and practical efforts to comply with Special Conditions 83 through 99 must be used when conducting the planned maintenance activity, until the commission determines that the efforts are unreasonable or impractical, or that the activity is an unplanned maintenance activity.

Additional Permit Requirements

102. The permit holder shall submit a complete as built representation to the Coker Project amendment, PI-1 dated February 27, 2017 no later than 30 days after the start of operation of coker E-CSV-844.

Referenced PBRs

103. The following sources and/or activities are authorized under a Permit by Rule (PBR) by Title 30 Texas Administrative Code Chapter 106 (30 TAC Chapter 106). These lists are not intended to be all inclusive and can be altered without modifications to this permit. **(10/24)**

Authorization	Source or Activity
PBR No. 139815	Authorizes fugitives and catalyst handling from the fluidized catalytic cracker unit (FCCU) and additional emissions from storage silo
PBR No. 156162	Authorizes the operation of two diesel fuel engines (Engines 27 and 28)
106.511	Authorizes the operation of twelve engines for emergency purposes
106.512	Authorizes the operation of eight engines of less than 240 horsepower
Standard Exemption 61, 68, and 88 (Effective April 27/1993)	Authorizes wastewater treatment plant
PBR No. 162009	Authorizes alternate scrubber on North Plant sulfur pit control during SRU incinerator MSS.
PBR No. 160937	Authorizes construction and operation of a sulfur vatting and storage at the refinery (EPN: C-SULFURVAT)
PBR No. 166565	Authorizes temporary boilers.

Authorization	Source or Activity
PBR No. 167168	Authorizes LPG Freeze Testing
PBR No. 158672	Authorizes emissions associated with changes of service in tanks T-106, T-107, T-110, T-111, T283, and T-284
PBR No. 159332	Authorize emissions related to construction of a new Tank-2112R, replacing Tank-2112
106.371	Authorizes PM emissions for the following cooling water towers: E-CT-101, E-CT-233, E-CT-354, E-CT-360, E-CT-363, E-CT-100, E-CT-244, E-CT- N1, E-CT-601U Authorizes VOC emissions for the following cooling water towers: E-CT-N1, E-CT-601U
PBR No. 166295	Authorizes an alternative control scenario for the RTO during periods that the RTO must undergo routine repair or maintenance. (EPNs H-WWVCUs and F-WWVCU, WW Temp VCU and WW Temp VCU Fugitives)
PBR No. 167168	Authorizes propane emissions associated with dryness testing of LPG. (EPN C-PropaneTest, ASTM D2713 Propane Testing)

Date: January 30, 2026

Attachment 1

Permit Numbers 6825A, PSDTX49, and N65

Cap Emission Points by Source Category

Source Category: COEX II (EPN: C-COEXII) (1) (2)	
EPN	SOURCE DESCRIPTION
E-01-943	HCU-943 Reactor 1 Furnace
E-01-943	HCU-943 Reactor 2 Furnace
E-02-943	HCU-943 Fractionator Feed Furnace
E-26-FLARE	HCU-943 Flare
E-CT-446	Cooling Tower 446
E-CT-432	Cooling Tower 432
F-943	HCU-943 Fugitives
F-943-SCR	HCU-943 Ammonia Storage and Piping
F-7843	Amine Treating Unit
F-7945	SGRU-7945 Fugitives
F-8748-SWS	Sour Water Stripper Fugitives
T-CX2-SW-2	Sour Water Storage Tank
T-CX2-CRUDE-1	Crude Oil Storage Tank
T-CX2-CRUDE-2	Crude Oil Storage Tank
T-CX2-NAPTH-1	Naphtha Storage Tank
T-CX2-GASOL-1	Gasoline (RVP 12) Storage Tank
T-CX2-GASOL-2	Gasoline (RVP 12) Storage Tank
T-CX2-RESID-1	Residual/No. 8 Oil Storage Tank 106
T-CX2-RESID-2	Residual/No. 8 Oil Storage Tank 3006
T-CX2-Amine-1	Spent Amine Storage Tank 5002
T-CX2-Amine-2	Fresh Amine Storage Tank 5003

Source Category: DCU-843 PM Fugitives (C-COKE843)	
EPN	SOURCE DESCRIPTION
F-843-1	Coke Drum to Pit
F-843-2	Coke Pit/Pad Stockpile
F-843-2A	Coke CO-2A to ST-2 and ST-3
F-843-3	Coke Pit to Coke Pad
F-843-4	Coke Feeder/Breaker
F-843-4A	Coke Drop to Hopper
F-843-4B	Coke Drop to CO-1
F-843-4C	Coke Feeder/Breaker
F-843-4D	Coke Drop to Hopper
F-843-5	Coke CO-1 to CO-2

Source Category: DCU-843 PM Fugitives (C-COKE843)	
EPN	SOURCE DESCRIPTION
F-843-6	Coke CO-2 to ST-1
F-843-7	Coke ST-1 to West Stockpile
F-843-7A	Coke ST-2 to East Stockpile
F-843-7B	Coke ST-3 to East Stockpile
F-843-8	Coke Active Stockpile
F-843-9	Coke CO-3a to CO-4
F-843-9A	Coke CO-3c to Hopper
F-843-9B	Coke Truck/Railcar Loading
F-843-9C	Coke FO-1 to CO-4a
F-843-9D	Coke FO-2 to CO-4a
F-843-10	Coke CO-3b to CO-4
F-843-10A	Coke CO-4a Outbound from East Pile
F-843-11	Coke CO-4 to CO-5
F-843-12	Coke CO-4 to Shiploader 1
F-843-13	Coke CO-5 to Shiploader 2
F-843-14	Coke Shiploader 1 to Ship
F-843-15	Coke Shiploader 2 to Ship
F-843-16	Coke Conveyor CO-2 to West Pile Section
F-843-16A	Coke Conveyor CO-2a to East Pile Section
F-843-17	Coke Conveyor CO-4 to Ship

Source Category: DCU-844 PM Fugitives (C-COKE844)	
EPN	SOURCE DESCRIPTION
F-844-1	Coke Drum to Pit
F-844-3	Coke Pit to Coke Pad
F-844-4A	Coke Drop to Hopper
F-844-4	Coke Feeder/Breaker
F-844-4B	Coke Drop to CO-1
F-844-5	Coke CO-1 to CO-2
F-844-6	Coke CO-2 to ST-1

Source Category: Boiler House 15 (C-BH15-1)	
EPN	SOURCE DESCRIPTION
E-01-BH15	Boiler House 15 Boiler 41

Source Category: Boiler House 15 (C-BH15-1)	
EPN	SOURCE DESCRIPTION
E-02-BH15	Boiler House 15 Boiler 42
E-03-15BH	Boiler House 15 Boiler 43

Source Category: Flares (EPN: C-FLARE)	
EPN	SOURCE DESCRIPTION
E-05-FLARE	Flare No. 5
E-07-FLARE	Flare No. 7
E-13-FLARE	Flare No. 13
E-15-FLARE	Flare No. 15
E-18 FLARE	Flare No. 18
E-19-FLARE	Flare No. 19
E-20-FLARE	Flare No. 20
E-22-FLARE	Flare No. 22
E-23-FLARE	Flare No. 23
E-103-FLARE	Flare No. B-103
E-26-FLARE	Flare No. 26

Source Category: Refinery Fugitives (C-REFFUG)	
EPN	SOURCE DESCRIPTION
F-15BH	BH 15 Fugitives
F-146	AVU-146 Fugitives
F-147	AVU-147 Fugitives
F-241	GFU-241 Fugitives
F-242	GFU-242 Fugitives
F-243	GFU-243 Fugitives
F-244	GFU-244 Fugitives
F-245	GHU-245 Fugitives
F-246	DHT-246 Fugitives
F-443	HFAU-443 Fugitives
F-543/4	SRU-543/4 Fugitives
F-545	SRU-545 Fugitives
F-546	SRU-546 Fugitives
F-8746	SWS-8746 Fugitives
F-8747	SWS-8747 Fugitives
F-843	DCU-843 Fugitives

Source Category: Refinery Fugitives (C-REFFUG)	
EPN	SOURCE DESCRIPTION
F-844	DCU-844 Fugitives
F-942	HCU-942 Fugitives
F-943	HCU-943 Fugitives
F-1241	FCCU-1241 Fugitives
F-1242	SGRU-1242 Fugitives
F-7945	SGRU-7945 Fugitives
F-1344	CRU-1344 Fugitives
F-7542	MRU-7542 Fugitives
F-7841	ATU-7841 Fugitives
F-7842	ATU-7842 Fugitives
F-7843	ATU-7843 Fugitives
F-7848	ATU-7848 Fugitives
F-DOCKS	DOCKS Fugitives
F-41PH	PH41 Fugitives
F-Utilities	Utilities Fugitives
F-163PH	PH163 Fugitives
F-PH138	PH138 Fugitives
F-SRTF	Sabine Road Tank Farm (SRTF) Fugitives
F-8844	BRLU-8844 Fugitives
F-1747	RSU-1747 Fugitives
F-8741	WORU-8741 Fugitives
F-8742	WWTU-8742 Fugitives
F-7042	FGRU-7042 Fugitives
F-7043	FGRU-7043 Fugitives
F-7044	FGRU-7044 Fugitives
F-547	SRU-547 Fugitives
F-FuelingStation	Fueling Station Fugitives
F-AUCT	Alkylation Unit/Cooling Tower (AUCT) Area Fugitives
F-6341	LHSU-6341 Fugitives

Source Category: Uncontrolled Marine Loading (C-DOCKUN)	
EPN	SOURCE DESCRIPTION
E-BERTH0-0	Marine loading emissions - berth 0
E-BERTH5-11	Marine loading emissions - berth 5

Source Category: Uncontrolled Marine Loading (C-DOCKUN)	
EPN	SOURCE DESCRIPTION
E-BERTH5-12	Marine loading emissions - berth 5
E-BERTH6-14	Marine loading emissions - berth 6
E-BERTH6-15	Marine loading emissions - berth 6

Source Category: Controlled Marine Loading (C-MC-24-25)	
EPN	SOURCE DESCRIPTION
E-BERTH1-1	Marine loading emissions - berth 1
E-BERTH1-2	Marine loading emissions - berth 1
E-BERTH2-5	Marine loading emissions - berth 2
E-BERTH2-6	Marine loading emissions - berth 2
E-BERTH3-7	Marine loading emissions - berth 3
E-BERTH3-8	Marine loading emissions - berth 3
E-MC-24-25	Marine Vapor Combustors 24 and 25

Source Category: Storage Tanks (C-TNK-REFY)	
EPN	SOURCE DESCRIPTION
T-78	Sour Water Storage Tank 78
T-88	Sour Water Storage Tank 88
T-546-1	SRU-546 Storage Tank
T-546-2	SRU-546 Storage Tank
T-2588	Sour Water Storage Tank 2588
T-2590	Sour Water Storage Tank 2590
T-7842-1	Tank T-7842-1
T-7842-2	Tank T-7842-2

Source Category: Sulfur Recovery Units (C-SCOTSRU)	
EPN	SOURCE DESCRIPTION
E-01-SCOT	SCOT I TGPU Incinerator
E-02-SCOT	SCOT II TGPU Incinerator
E-03-SCOT	SCOT III TGPU Incinerator
E-04-SCOT	SCOT IV TGPU Incinerator

NOTES:

- (1) Facilities associated with COEX II project authorized by amendment approved on July 24, 2008. Nonattainment Permit N65 applies to VOC emissions from COEX II facilities.
- (2) The facilities are not included in the emission caps in the MAERT.

Attachment 1

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 6

Date: February 16, 2022

Attachment 2

Permit Numbers 6825A, PSDTX49, and N65

Relief Valves Not Vented to Control

Unit Description	Component Tag	Comments
F-241	2354	PSV routed to flare 1/2" pilot routed to atmosphere
F-241	2390	PSV routed to flare 1/2" pilot routed to atmosphere
F-241	2396	PSV routed to flare 1/2" pilot routed to atmosphere
F-241	2406	PSV routed to flare 1/2" pilot routed to atmosphere
F-241	2414	PSV routed to flare 1/2" pilot routed to atmosphere
F-241	2420	PSV routed to flare 1/2" pilot routed to atmosphere
F-243	50484.1	PSV routed to flare 1/2" pilot routed to atmosphere
F-6341	133042	Route to flare in next scheduled T/A
F-6341	133043	Route to flare in next scheduled T/A
C-DOCKUN	1215	Low potential for Relief - no flare nearby
C-DOCKUN	1560	Low potential for Relief - no flare nearby
C-DOCKUN	1674	Low potential for Relief - no flare nearby
C-DOCKUN	2108	Low potential for Relief - no flare nearby
C-DOCKUN	2581	Low potential for Relief - no flare nearby
F-PH163 F-163PH	213	Tank Relief, not normally routed to flare
F-PH163 F-163PH	217	Tank Relief, not normally routed to flare
F-PH138	12072	LPG Service
F-PH138	12072.1	LPG Service
F-PH138	12074	LPG Service
F-PH138	12074.1	LPG Service
F-PH138	12189	LPG Service
F-PH138	12189.1	LPG Service
F-PH138	12192	LPG Service
F-PH138	12192.1	LPG Service
F-PH138	12330	LPG Service
F-PH138	12330.2	LPG Service
F-PH138	12332	LPG Service
F-PH138	12332.2	LPG Service

Date: February 16, 2022

Attachment 3

Inherently Low Emitting Activities

Permit Number 6825A

Activity	Emissions				
	VOC	NO _x	CO	PM	H ₂ S/SO ₂
Inspection, repair, and replacement of analyzer filters/screens	X				
Inspection, repair, and replacement of process filters/screens	X				
Inspection, repair, replacement, adjustment, testing, and calibration of CEMS analyzers		X	X		X
Inspection, repair, replacement, adjustment, testing, and calibration of process instrumentation	X				
Carbon canister inspection, repair, and replacement (valve disconnect)	X				
Catalyst replacement	X				
Tank seal inspections and other tank inspection activities	X				
Water washing empty drums, totes, and misc. small equipment	X				
Cold Solvent Degreaser	X				
Meter proving to control device	X	X	X	X	
Combinations of the above	X	X	X		X

Date: February 16, 2022

Attachment 4

Routine Maintenance Activities

Permit Number 6825A

Planned MSS activities: These include activities such as:

Pump, compressor, vessel, exchanger, combustion source, boiler inspection, repair, or replacement

Valve and piping maintenance/replacement not included in Attachment 3

Pipeline pigging

Compressor maintenance

Maintenance on light liquid pumps which are purged to slop, flare, or controlled process sewer system

Maintenance on heavy liquid pumps which are purged to slop, flare, or controlled process sewer system

Maintenance on heavy liquid pumps which are purged to open containers

Date: February 16, 2022

Attachment 5

MSS Activity Summary

Permit Number 6825A

Facilities	Description	Emissions Activity
All process units and tanks	High frequency, low emission activities (Attachment 3)	Emissions to atmosphere
All process units and tanks	Attachment 4 activities	Emissions to atmosphere
All process units and tanks	Attachment 4 activities	Emissions routed to control device
All process units and tanks	Equipment maintenance and process unit turnarounds	Emissions to atmosphere
All process units and tanks	Equipment maintenance and process unit turnarounds	Emissions routed to device
All tanks	Storage tank change of service and maintenance	Emissions to atmosphere
All tanks	Storage tank change of service and maintenance	Emissions to control device
All tanks	Controlled tank roof landings	Emissions to control device
All process units and tanks	Vacuum trucks	Emissions to atmosphere
All process units and tanks	Vacuum trucks	Emissions to control device
All process units and tanks	Frac tanks	Emissions to atmosphere
All process units and tanks	Frac tanks	Emissions to control device
All process units and tanks	Painting	Emissions to atmosphere
All process units and tanks	Abrasive blasting	Emissions to atmosphere

Date: February 16, 2022

ATTACHMENT 6

Permit Number 6825A

Permit Emission Points by Source Category

This permit authorizes emissions from the following temporary facilities used to support planned MSS activities at permanent site facilities: frac tanks, containers, vacuum trucks, facilities used for painting or abrasive blasting, portable control devices identified in Special Condition No. 94 and controlled recovery systems. Emissions from temporary facilities are authorized provided the temporary facility (a) does not remain on the plant site for more than 12 consecutive months, (b) is used solely to support planned MSS activities at the permanent site facilities listed in this Attachment, and (c) does not operate as a replacement for an existing authorized facility.

This permit authorizes MSS emissions from the permanent site facilities identified below. The headings for each group of facilities (Process Units, Storage Tanks, etc) are used in the MSS Activity Summary to identify all facilities in the respective group.

SOURCE CATEGORY: Process Units		
FIN	UNIT NAME	NSR AUTHORIZATION
ATU-7841	Amine Treating Unit 7841	Permit No. 6825A, PSDTX49M2, N65
ATU-7842	Amine Treating Unit 7842	Permit No. 6825A, PSDTX49M2, N65
ATU-7843	Amine Treating Unit 7843	Permit No. 6825A, PSDTX49M2, N65
AVU-146	Atmospheric Vacuum Unit 146	Permit No. 6825A, PSDTX49M2, N65
AVU-147	Atmospheric Vacuum Unit 147	Permit No. 6825A, PSDTX49M2, N65
CRU-1344	Catalytic Reforming Unit 1344	Permit No. 6825A, PSDTX49M2, N65
NHT-1344	Naphtha Hydrotreating Unit 1344	Permit No. 6825A, PSDTX49M2, N65
DCU-843	Delayed Coking Unit 843	Permit No. 6825A, PSDTX49M2, N65
DCU-844	Delayed Coking Unit 844	Permit No. 6825A, PSDTX49M2, N65
DHT-246	Diesel Hydrotreating Unit 246	Permit No. 6825A, PSDTX49M2, N65
FCCU-1241	Fluidized Catalytic Cracking Unit 1241	Permit No. 6825A, PSDTX49M2, N65
FGMD	Fuel Gas Mix Drum	Permit No. 6825A, PSDTX49M2, N65
GFU-241	Gulfining Unit 241	Permit No. 6825A, PSDTX49M2, N65

SOURCE CATEGORY: Process Units		
FIN	UNIT NAME	NSR AUTHORIZATION
GFU-242	Gulfining Unit 242	Permit No. 6825A, PSDTX49M2, N65
GFU-243	Gulfining Unit 243	Permit No. 6825A, PSDTX49M2, N65
GFU-244	Gulfining Unit 244	Permit No. 6825A, PSDTX49M2, N65
GHU-245	Gasoline Hydrotreating Unit 245	Permit No. 6825A, PSDTX49M2, N65
HCU-942	Hydrocracker Unit 942	Permit No. 6825A, PSDTX49M2, N65
HCU-943	Hydrocracker Unit 943	Permit No. 6825A, PSDTX49M2, N65
HFAU-443	Hydrofluoric Acid Unit 443	Permit No. 6825A, PSDTX49M2, N65
LHSU-6341	Light Hydrocarbon Separation Unit 6341	Permit No. 6825A, PSDTX49M2, N65
MRU-7542	Merox Recovery Unit 7542	Permit No. 6825A, PSDTX49M2, N65
SGRU-1242	Saturated Gas Recovery Unit 1242	Permit No. 6825A, PSDTX49M2, N65
SGRU-7945	Saturated Gas Recovery Unit 7945	Permit No. 6825A, PSDTX49M2, N65
SRU-543	Sulfur Recovery Unit 543	Permit No. 6825A, PSDTX49M2, N65
SRU-544	Sulfur Recovery Unit 544	Permit No. 6825A, PSDTX49M2, N65
SRU-545	Sulfur Recovery Unit 545	Permit No. 6825A, PSDTX49M2, N65
SRU-546	Sulfur Recovery Unit 546	Permit No. 6825A, PSDTX49M2, N65
SRU-547	Sulfur Recovery Unit 547	Permit No. 6825A, PSDTX49M2, N65
SWS-8746	Sour Water Stripper 8746	Permit No. 6825A, PSDTX49M2, N65
SWS-8747	Sour Water Stripper 8747	Permit No. 6825A, PSDTX49M2, N65
SWS-8748	Sour Water Stripper 8748	Permit No. 6825A, PSDTX49M2, N65
TF-441	LPG Storage Pressure Vessels	Permit No. 6825A, PSDTX49M2, N65

SOURCE CATEGORY: Process Units		
FIN	UNIT NAME	NSR AUTHORIZATION
WORU	Waste Oil Recovery Unit	Permit No. 6825A, PSDTX49M2, N65
Units 7042, 7043, 7044	Flare Gas Recovery Units	Permit No. 6825A, PSDTX49M2, N65
Unit 1747	Reformate Splitter	Permit No. 6825A, PSDTX49M2, N65
Unit 7848	Amine Treating Unit	Permit No. 6825A, PSDTX49M2, N65
Unit ARU	Amine Treating Unit	Permit No. 6825A, PSDTX49M2, N65

SOURCE CATEGORY: Flares		
EPN	SOURCE DESCRIPTION	NSR AUTHORIZATION
E-05-FLARE	Flare No. 5	Permit No. 6825A, PSDTX49M2, N65
F-13-FLARE	Flare No. 13	Permit No. 6825A, PSDTX49M2, N65
F15-FLARE	Flare No. 15	Permit No. 6825A, PSDTX49M2, N65
F-18-FLARE	Flare No. 18	Permit No. 6825A, PSDTX49M2, N65
F-19-FLARE	Flare No. 19	Permit No. 6825A, PSDTX49M2, N65
F-20-FLARE	Flare No. 20	Permit No. 6825A, PSDTX49M2, N65
F-22-FLARE	Flare No. 22	Permit No. 6825A, PSDTX49M2, N65
E-23-FLARE	Flare No. 23	Permit No. 6825A, PSDTX49M2, N65
E-26-FLARE	Flare No. 26	Permit No. 6825A, PSDTX49M2, N65
F-103-FLARE	Flare No. B-103	Permit No. 6825A, PSDTX49M2, N65

SOURCE CATEGORY: Combustion Units		
EPN	SOURCE DESCRIPTION	NSR AUTHORIZATION
E-01-1241	Heater 1241-H1	Permit No. 6825A, PSDTX49M2, N65

SOURCE CATEGORY: Combustion Units		
EPN	SOURCE DESCRIPTION	NSR AUTHORIZATION
E-02-1241	Heater 1241-H2	Permit No. 6825A, PSDTX49M2, N65
E-01-844	DCU 844 Coker Furnaces 1	Permit No. 6825A, PSDTX49M2, N65
E-02-844	DCU 844 Coker Furnaces 2	Permit No. 6825A, PSDTX49M2, N65
E-01-146	Heater 146 H-101	Permit No. 6825A, PSDTX49M2, N65
E-02-146	Heater 146 H-102A/B	Permit No. 6825A, PSDTX49M2, N65
E-01-246	Heater 246-H1	Permit No. 6825A, PSDTX49M2, N65
E-01-147	Heater 147-F-1100	Permit No. 6825A, PSDTX49M2, N65
E-02-147	Heater 147-F-1200	Permit No. 6825A, PSDTX49M2, N65
E-01-943	HCU - Reactor 1 and Reactor 2 Furnaces	Permit No. 6825A, PSDTX49M2, N65
E-02-943	HCU - Fractionator Feed Furnace	Permit No. 6825A, PSDTX49M2, N65
E-01-843	Heater 843-H1	Permit No. 6825A, PSDTX49M2, N65
E-02-843	Heater 843-H2	Permit No. 6825A, PSDTX49M2, N65
E-03-843	Heater 843-H3	Permit No. 6825A, PSDTX49M2, N65
E-01-BLR	Steam Boiler	Permit No. 6825A, PSDTX49M2, N65

SOURCE CATEGORY: Storage Tanks		
EPN	SOURCE DESCRIPTION	NSR AUTHORIZATION
T-78	Sour Water Storage Tank 78	Permit No. 6825A, PSDTX49M2, N65
T-88	Sour Water Storage Tank 88	Permit No. 6825A, PSDTX49M2, N65
T-546-1	SRU-546 Storage Tank	Permit No. 6825A, PSDTX49M2, N65
T-546-2	SRU-546 Storage Tank	Permit No. 6825A, PSDTX49M2, N65

SOURCE CATEGORY: Storage Tanks		
EPN	SOURCE DESCRIPTION	NSR AUTHORIZATION
T-2588	Sour Water Storage Tank 2588	Permit No. 6825A, PSDTX49M2, N65
T-2590	Sour Water Storage Tank 2590	Permit No. 6825A, PSDTX49M2, N65
T-8002	SRU Sulfur Storage Tank 8002	Permit No. 6825A, PSDTX49M2, N65
T-8010	Coker Injection Tank 8010	Permit No. 6825A, PSDTX49M2, N65
T-8400	Coker Injection Tank 8400	Permit No. 6825A, PSDTX49M2, N65
T-1001	Sour Water Storage Tank 1001	Permit No. 6825A, PSDTX49M2, N65
T-134	Tank 134	Permit No. 6825A, PSDTX49M2, N65

Date: February 16, 2022

Attachment 7

Emission Factor Basis Table

Permit 6825A

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	E-MSS-BH15	Burner Installation		NO _x	0.1 lb/MMBtu (For transient MSS periods)
					CO	500 ppmv (For transient MSS periods)
6825A	NSR	E-01-245	Heater 245		NO _x	Short-term: 0.042 lb/MMBtu. Annual 0.044 lb/MMBtu (back calculated) (Historical BACT)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 100 ppmv.
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-V54	CCR Regen Vent		HCl	Stack test inlet concentration and 97.18% DE
					VOC	Stack test data + 50% variability factor.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 2

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	C-COEXII	COEXII VOC Normal and Non-Tank MSS Emissions Cap - Fugitives	F-943, F-7843, F-7945, F-8748-SWS	VOC	TCEQ's Air Permit Technical Guidance for Chemical Sources: Equipment Leak Fugitives, TCEQ-(APDG 6422v2, Revised 06/18). Emission factors for "Refinery" from Table II. Control Efficiencies from Table V for 28VHP and/or 28LAER program.
			COEXII VOC Normal and Non-Tank MSS Emissions Cap - Flare 26	E-26-FLARE	VOC	99% for C1-C3 and 98% for C4+
			COEXII VOC Normal and Non-Tank MSS Emissions Cap - Fixed Roof Tanks	T-CX2-RESID-2 (T-3006), T-CX2-Amine-1 (T-5002), T-CX2-Amine-2 (T-5003)	VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 3

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
			COEXII VOC Normal and Non-Tank MSS Emissions Cap - External Floating Roof Tanks	T-CX2- SW-2 (T-3005), T-CX2-CRUDE- 1 (T-3002), T-CX2-CRUDE-2 (T-3003), T-CX2-NAPTH-1 (T-3004), T-CX2-GASOL-1 (T-3000), T-CX2-GASOL-2 (T-3001), T-2186, T-CX2-RESID-1 (T-106)	VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
			COEXII VOC Normal and Non-Tank MSS Emissions Cap - Heaters	E-01-943, E-02-943	VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
			COEXII VOC Normal and Non-Tank MSS Emissions Cap - Cooling Towers	F-446CT	VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.
6825A	NSR	T-112	Tank 112		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 4

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					H ₂ S	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks. For H ₂ S 600 ppm in liquid, 95,980 ppm in vapor
6825A	NSR	T-113	Tank 113		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
					H ₂ S	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks. For H ₂ S 600 ppm in liquid, 95,980 ppm in vapor
6825A	NSR	T-114	Tank 114		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
					H ₂ S	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks. For H ₂ S 600 ppm in liquid, 95,980 ppm in vapor
6825A	NSR	T-8010	Coker 843 Sludge Tank 8010		VOC	Routed to CAS, Emission rates based on 200 gpm flow rate, 100 lb/lbmol, and 100 ppm VOC after control
6825A	NSR	T-8400	Coker 844 Sludge Tank 8400		VOC	Routed to CAS, Emission rates based on 200 gpm flow rate, 100 lb/lbmol, and 100 ppm VOC after control

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 5

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	T-8002	547 Sulfur Tank		H ₂ S	Short-term: MSS 200 ppmw H ₂ S & 1.7% loss rate. Annual: MSS 200 ppmw + Normal 100 ppmw H ₂ S & 0.9% loss rate
6825A	NSR	T-37	844 Feed Tank T-37		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
6825A	NSR	E-CT-136A	1241 Cooling Tower 136A		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.
					PM	Maximum and annual average TDS and 0.001% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.001% efficient drift eliminators.
					PM _{2.5}	Maximum and annual average TDS and 0.001% efficient drift eliminators.
6825A	NSR	E-CT-136B	1242 Cooling Tower 136B		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: Based on historical actual data used to determine the individual limits set during the 2010 Deflex of Permit 6825a.
					PM	Maximum and annual average TDS and 0.001% efficient drift eliminators.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 6

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM10	Maximum and annual average TDS and 0.001% efficient drift eliminators.
					PM2.5	Maximum and annual average TDS and 0.001% efficient drift eliminators.
6825A	NSR	E-CT-366	146 Cooling Tower 366		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: Based on historical actual data used to determine the individual limits set during the 2010 Deflex of Permit 6825a.
					PM	Maximum and annual average TDS and 0.001% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.001% efficient drift eliminators.
					PM _{2.5}	Maximum and annual average TDS and 0.001% efficient drift eliminators.
6825A	NSR	E-01-844	DCU 844 Coker Furnace #1		NO _x	0.015 lb/MMBtu (Historical BACT)
					NO _x (MSS)	0.15 lb/MMBtu (TCEQ BACT for transient MSS periods)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 7

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					CO	Short-term: 100 ppmv. Annual: 50 ppmv.
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					NH ₃	10 ppmv (Historical BACT)
6825A	NSR	E-02-844	DCU 844 Coker Furnace #2		NO _x	0.015 lb/MMBtu (Historical BACT)
					NO _x (MSS)	0.15 lb/MMBtu (TCEQ BACT for transient MSS periods)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 8

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					NH ₃	10 ppmv (Historical BACT)
6825A	NSR	E-03-SRK	545/546/547 South Plant Sulfur Loading		H ₂ S	Short-term: MSS 200 ppmw H ₂ S & 1% loss rate. Annual: MSS 200 ppmw + Normal 100 ppmw H ₂ S & 1% loss rate
6825A	NSR	E-CSV-844	Coker Unit 844 Steam Vent		VOC	Emission Estimation Protocol for Petroleum Refineries (April 2015) Table 5-5
					PM	1.31 lb/cycle based on ICR Coke drum vent test adjusted to 2 psig
					PM ₁₀	1.31 lb/cycle based on ICR Coke drum vent test adjusted to 2 psig
					PM _{2.5}	1.31 lb/cycle based on ICR Coke drum vent test adjusted to 2 psig
					H ₂ S	3.13 lb/cycle based on ICR Coke drum vent test adjusted to 2 psig
6825A	NSR	E-CSV-843	Coker Unit 843 Steam Vent		VOC	Emission Estimation Protocol for Petroleum Refineries (April 2015) Table 5-5
					PM	Short-term: 2.28 lb/cycle ICR Coke drum vent test. Annual: 1.57 lb/cycle based on ICR Coke drum vent test adjusted to 2.4 psig

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 9

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM ₁₀	Short-term: 2.28 lb/cycle ICR Coke drum vent test. Annual: 1.57 lb/cycle based on ICR Coke drum vent test adjusted to 2.4 psig
					PM _{2.5}	Short-term: 2.28 lb/cycle ICR Coke drum vent test. Annual: 1.57 lb/cycle based on ICR Coke drum vent test adjusted to 2.4 psig
					H ₂ S	Short-term: 5.43 lb/cycle ICR Coke drum vent test. Annual: 3.75 lb/cycle based on ICR Coke drum vent test adjusted to 2.4 psig
6825A	NSR	C-COKE844	Unit 844 coke handling (FINS F-844-1 to F-844- 6)	F-844-1, F-844-2, F-844-3, F-844-4, F-844-5, F-844-6	PM	AP-42 Chapter 13.2.4 and 1996 CHEER manual, Summary Table (p. 34), Conveyors, Enclosures, Control Efficiency estimated.
					PM ₁₀	AP-42 Chapter 13.2.4 and 1996 CHEER manual, Summary Table (p. 34), Conveyors, Enclosures, Control Efficiency estimated.
					PM _{2.5}	AP-42 Chapter 13.2.4 and 1996 CHEER manual, Summary Table (p. 34), Conveyors, Enclosures, Control Efficiency estimated.
6825A	NSR	E-WWC-844	Coker 844 Wastewater Collection System		VOC	VOC concentration

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 10

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	E-MSS-CEP	Coker 844 Project MSS	Coker Unit 844, SRU 547, E-23-Flare, E-26-Flare, T-112, T-113, T-114	VOC	Flare: 99% for C1-C3 and 98% for C4+, meet current BACT. VCU: 0.0109 lb/MMBtu
					NO _x	Flare: Flares and Vapor Oxidizers (October 2000 RG-109) Table 4, emission factors for "steam-assisted". VCU: 0.15 lb/MMBtu
					CO	Flare: Flares and Vapor Oxidizers (October 2000 RG-109) Table 4, emission factors for "steam-assisted, high Btu flares". VCU: 0.2 lb/MMBtu
					SO ₂	Sulfur content
					H ₂ S	Sulfur content
					PM	VCU: 0.0077 lb/MMBtu
					PM ₁₀	VCU: 0.0077 lb/MMBtu
					PM _{2.5}	VCU: 0.0077 lb/MMBtu
6825A	NSR	C-BH15-1	Boilerhouse 15 Subcap, Post-mod Phase I	E-01-BH 15, E-02-BH 15, E-03-BH 15	NO _x	Short-term: permit specific limit of 0.06 lb/MMBtu. Annual: permit specific limit of 0.06 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 11

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	C-BH15-1	Boilerhouse 15 Subcap Post-mod Phase II	E-01-BH 15, E-02-BH 15, E-03-BH 15	NO _x	Short-term: permit specific limit of 0.06 lb/MMBtu. Annual: permit specific limit of 0.06 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 12

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-01-146	Heater 146-H101		NO _x	Short-term: permit specific limit of 0.067 lb/MMBtu on an hourly average, LNB. Annual: 0.067 lb/MMBtu, permit specific limit of 0.08 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 13

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	E-02-146	Heater 146-H102AB		NO _x	Short-term: permit specific limit of 0.062 lb/MMBtu on an hourly average, LNB. Annual: 0.062 lb/MMBtu, permit specific limit of 0.08 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 14

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	E-01-147	Heater 147-F-1100		NO _x	Short-term and Annual: Permit specific limit of 0.035 lb/MMBtu on a daily average and a 365-day rolling average. (LNR, Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-02-147	Heater 147-F-1200		NO _x	Short-term and Annual: Permit specific limit of 0.035 lb/MMBtu on a daily average and a 365-day rolling average. (LNR, Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 15

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-01-1344	Heater 1344-H1		NO _x	Short-term: 0.08 lb/MMBtu. Annual: permit specific limit of 0.07 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 16

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-02-1344	Heater 1344-H33		NO _x	Short-term and Annual: Permit specific limit of 0.04 lb/MMBtu (Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 17

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-03-1344	Heater 1344-H2_3_32		NO _x	Short-term: 0.08 lb/MMBtu. Annual: permit specific limit of 0.06 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-01-843	Heater 843-H1		NO _x	Short-term and Annual: Permit specific limit of 0.06 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 18

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	135 ppmv for both short-term and annual.
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-02-843	Heater 843-H2		NO _x	Short-term and Annual: Permit specific limit of 0.06 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	135 ppmv for both short-term and annual.
					CO (MSS)	500 ppmv

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 19

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	E-03-843	Heater 843-H3		PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					NO _x	Short-term and Annual: Permit specific limit of 0.06 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	135 ppmv for both short-term and annual.
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 20

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	E-01-246	Heater 246-H1		NO _x	Short-term and Annual: Permit specific limit of 0.035 lb/MMBtu on a daily average. (LNR, Historical BACT)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-01-1241	Heater 1241-H1		NO _x	Short-term and Annual: 0.08 lb/MMBtu. (Historical BACT)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 21

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					CO	100 ppmv (Historical BACT)
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-02-1241	Heater 1241-H2		NO _x	Short-term and Annual: 0.08 lb/MMBtu. (Historical BACT)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	100 ppmv (Historical BACT)
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-01-241	Heater 241-B101AB		NO _x	Short-term and Annual: Permit specific limit of 0.045 lb/MMBtu (Historical BACT)

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 22

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-01-242	Heater 242-B201AB		NO _x	Short-term and Annual: Permit specific limit of 0.065 lb/MMBtu (Historical BACT)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 23

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-01-243	Heater 243		NO _x	Short-term: 0.08 lb/MMBtu. Annual: permit specific limit of 0.05 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-01-244	Heater 244 F-101/102		NO _x	0.12 lb/MMBtu. (Historical BACT)

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 24

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-01-942	Heater 942-H1_2_3		NO _x	Short-term: 0.06 lb/MMBtu. Annual: permit specific limit of 0.044 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 25

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-01-443	Heater 443		NO _x	Short-term: 0.07 lb/MMBtu. Annual: permit specific limit of 0.06 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 26

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	C-REFFUG	Refinery Fugitives VOC Subcap	F-1241, F-1242, F-1344, F-146, F-147, F-15BH, F-16BH, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-545, F-546, F-547, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-844, F-8746, F-8747, F-942, FUAUCT, F-DOCKS, F-544, F-Fueling Station, F-163PH, F-41PH, F-FGMD, F-SRTF, F-Utilities, F-8741, F-	VOC	TCEQ-APDG 6422v2, Revised 06/18. Emission factors for "Refinery" from Table II. Control Efficiencies from Table V for 28VHP and/or 28LAER program.
					H ₂ S	TCEQ's APDG 6422v2, Revised 06/18. Emission factors for "Refinery" from Table II. Control Efficiencies from Table V for 28AVO program.
					NH ₃	TCEQ-APDG 6422v2, Revised 06/18. Emission factors for "Refinery" from Table II. Control Efficiencies from Table V for 28AVO program.
					HF	TCEQ-APDG 6422v2, Revised 06/18. Emission factors for "Refinery" from Table II. Control Efficiencies from Table V for 28AVO program.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 27

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
				543/4, F-NSTF, F-BH-19, F-7843, F-943-75K, F-844, F-547, F-1747	CO	TCEQ-APDG 6422v2, Revised 06/18. Emission factors for "Refinery" from Table II. Control Efficiencies from Table V for 28VHP and/or 28LAER program.
					NaOH	TCEQ-APDG 6422v2, Revised 06/18. Emission factors for "Refinery" from Table II. Control Efficiencies from Table V for 28VHP and/or 28LAER program.
6825A	NSR	C-TNK-REFY	Refinery Tank Subcap	2147, 2588, 2590, 78, 88, T-546-1, T-546-2, T-7842-1, T-7842-2	VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
6825A	NSR	C-FLARE	Flares Subcap	E-05-FLARE, F-13-FLARE, F-15-FLARE, F-18-FLARE, F-19-FLARE, F-20-FLARE, F-22-FLARE, E-23-FLARE, F-103-FLARE, E-26-FLARE	NO _x	Flares and Vapor Oxidizers (October 2000 RG-109) Table 4, emission factors for "steam-assisted, high Btu flares"
					VOC	99% for C1-C3 and 98% for C4+
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 60 ppmv annual average for fuel usage per SC35 D.
					CO	Flares and Vapor Oxidizers (October 2000 RG-109) Table 4, emission factors for "steam-assisted, high Btu flares"

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 28

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					H ₂ S	Based on 162 ppm of H ₂ S for short term and 60 ppm of H ₂ S for long term
6825A	NSR	C-DOCKUN	Uncontrolled Marine Loading	F-03-DOCK, F-02-DOCK, F-05-DOCK, F-06-DOCK, F-08-DOCK, F-07-DOCK, F-11-DOCK, F-12-DOCK, F-14-DOCK, F-15-DOCK	VOC	AP-42 Chapter 5.2 Transportation and Marketing of Petroleum Liquids, submerged loading, 99% collection efficiency for ship and 100% for barge for VP>0.5 psia and routed to VCU (meet BACT)
6825A	NSR	C-SCOTSRU	SRUs Subcap	E-01-SCOT, E-02-SCOT, E-03-SCOT, E-04-SCOT,	NO _x	50 ppmv
					VOC	SRUs 543, 544, 545, 546 use a VOC factor of 0.34 lb/MMBtu, based on stack testing. SRU 547 factor from AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	NSPS Ja limit in 40 CFR 60.102f(1)(i), 250 ppmv
					CO	712 ppmv & 100 ppmv
					PM	0.021 gr/dscf of stack flow rate of each SRU incinerator
					PM ₁₀	0.021 gr/dscf of stack flow rate of each SRU incinerator
					PM _{2.5}	0.021 gr/dscf of stack flow rate of each SRU incinerator
					H ₂ S	5 ppmv
6825A	NSR	E-01-SCOT	SRU 543		SO ₂	NSPS Ja limit in 40 CFR 60.102f(1)(i), 250 ppmv

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 29

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					H ₂ S	Permit specific limit of 5 ppmv on an hourly basis
6825A	NSR	E-02-SCOT	SRU 544		SO ₂	NSPS Ja limit in 40 CFR 60.102f(1)(i), 250 ppmv
					H ₂ S	Permit specific limit of 5 ppmv on an hourly basis
6825A	NSR	E-03-SCOT	SRU 545		SO ₂	NSPS Ja limit in 40 CFR 60.102f(1)(i), 250 ppmv
					H ₂ S	Permit specific limit of 5 ppmv on an hourly basis
6825A	NSR	E-04-SCOT	SRU 546		SO ₂	NSPS Ja limit in 40 CFR 60.102f(1)(i), 250 ppmv
					H ₂ S	Permit specific limit of 5 ppmv on an hourly basis
6825A	NSR	E-05-SCOT	SRU 547		SO ₂	Short-term: NSPS Ja limit in 40 CFR 60.102f(1)(i), 250 ppmv Annual: NSPS Ja limit in 40 CFR 60.102f(1)(i), 100 ppmv
					H ₂ S	Short-term: Permit specific limit of 5 ppmv on an hourly basis Annual: 5 ppmv
					CO	250 ppmv & 100 ppmv
					PM	Two times factor from AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	Two times factor from AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 30

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	Two times factor from AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					NO _x	0.08 lb/MMBtu
					VOC	Factor from AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
6825A	NSR	E-02-SRK	SRU 543 and 544 sulfur loading		H ₂ S	Short-term: 100 ppmw H ₂ S & 1% loss rate. Annual: MSS 200 ppmw + Normal 100 ppmw H ₂ S & 1% loss rate
6825A	NSR	E-01-943	HCU - Reactor 1 and Reactor 2 Furnaces		NO _x	Short-term and Annual: Permit specific limit of 0.035 lb/MMBtu for a 365-day rolling average. (Historical BACT)
					NO _x (MSS)	0.35lb/MMBTU
					VOC	50% of the factor found in AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 31

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-02-943	HCU - Fractionator Feed Furnace		NO _x	Short-term and Annual: Permit specific limit of 0.015 lb/MMBtu. (Historical BACT)
					NO _x (MSS)	0.15 lb/MMBtu (TCEQ BACT for transient MSS periods)
					VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 30 ppmv annual average.
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					CO (MSS)	500 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					NH ₃	10 ppmv (Historical BACT)

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 32

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	E-MERICHEM	Merichem Flare		NO _x	Flares and Vapor Oxidizers (October 2000 RG-109) Table 4, emission factors for "steam-assisted, high Btu flares"
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: permit specific limit of 60 ppmv annual average for fuel usage per SC 36.D.
					CO	Flares and Vapor Oxidizers (October 2000 RG-109) Table 4, emission factors for "steam-assisted, high Btu flares"
					VOC	99% for C1-C3 and 98% for C4+
6825A	NSR	E-01-WGS	FCCU Wet Gas Scrubber		NO _x	200 ppmvd @ 0% O ₂ (Hourly meet current BACT, annual Historical BACT)
					VOC	10 ppmvd (BACT)
					SO ₂	Paragraph 83(b) of Consent Decree SA-05CA-0569-RF (50 ppmvd measured as a 7-day rolling average at 0% O ₂)
					CO	500 ppmvd (Historical BACT)
					PM	1 lb/1000 lb coke NSPS J 40 CFR 60.102(a)(1)
					PM ₁₀	1 lb/1000 lb coke NSPS J 40 CFR 60.102(a)(1)
					PM _{2.5}	1lb/1000 lb coke NSPS J 40 CFR 60.102(a)(1)

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 33

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					NH ₃	Short-term: Stack testing plus 30% 0.0503 lb/1000lb; Annual: Stack testing plus 15% 0.0445 lb/1000lb
					HCN	Short-term: Stack testing plus 30% 1.4142 lb/1000lb; Annual: Stack testing plus 15% 1.251 lb/1000lb
					H ₂ SO ₄	0.2876 lb/1000lb based on 2013 amendment
6825A	NSR	E-MC-24-25	Controlled Marine Loading	E-MC-24E-MC-25	NO _x	Flares and Vapor Oxidizers (October 2000 RG-109) Table 4, emission factors for "other, high Btu"
					VOC	99% DRE (meet BACT) and AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC" for assist gas
					CO	Flares and Vapor Oxidizers (October 2000 RG-109) Table 4, emission factors for "other, high Btu"
					SO ₂	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "SO ₂ "
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	RCVent			NO _x	vendor guarantee - 0.08 lb/MMBtu

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 34

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
			Butane Railcar Loading		VOC	99% DRE (BACT)
					CO	vendor guarantee - 0.12 lb/MMBtu
					SO ₂	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "SO ₂ "
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
6825A	NSR	E-CT-101	243 Cooling Tower 101		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.
6825A	NSR	E-CT-233	244 Cooling Tower 233		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: Based on historical actual data used to determine the individual limits set during the 2010 Deflex of Permit 6825a.
6825A	NSR	E-CT-316	BH15 Cooling Tower 316		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 35

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM	Maximum and annual average TDS and 0.01625% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.01625% efficient drift eliminators. 55.84% of PM
					PM _{2.5}	Maximum and annual average TDS and 0.01625% efficient drift eliminators. 0.21% of PM
6825A	NSR	E-CT-354	543 Cooling Tower 354		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.
6825A	NSR	E-CT-360	1344 Cooling Tower 360		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.
6825A	NSR	E-CT-363	245 Cooling Tower 363		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: Based on historical actual data used to determine the individual limits set during the 2010 Deflex of Permit 6825a.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 36

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	E-CT-100	241/242 Cooling Tower 100		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.
6825A	NSR	E-CT-432	942/843/545 Cooling Tower 432		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.
					PM Pre-Drift Upgrade	Maximum and annual average TDS and 0.02% efficient drift eliminators for cells A-C and 0.001% efficient drift eliminators for cell D.
					PM ₁₀ Pre-Drift Upgrade	Maximum and annual average TDS and 0.02% efficient drift eliminators for cells A-C and 0.001% efficient drift eliminators for cell D.
					PM _{2.5} Pre-Drift Upgrade	Maximum and annual average TDS and 0.02% efficient drift eliminators for cells A-C and 0.001% efficient drift eliminators for cell D.
					PM Post-Drift Upgrade	Maximum and annual average TDS and 0.001% efficient drift eliminators.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 37

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM ₁₀ Post-Drift Upgrade	Maximum and annual average TDS and 0.001% efficient drift eliminators.
					PM _{2.5} Post-Drift Upgrade	Maximum and annual average TDS and 0.001% efficient drift eliminators.
6825A	NSR	E-CT-433	147/246/546 Cooling Tower 433		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.
					PM	Maximum and annual average TDS and 0.001% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.001% efficient drift eliminators. 98.7% of PM
					PM _{2.5}	Maximum and annual average TDS and 0.001% efficient drift eliminators. 22.5% of PM
6825A	NSR	E-CT-244	443 Cooling Tower 244		VOC	Short-term and annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.
6825A	NSR	E-CT-446	943/7945 Cooling Tower 446		VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 38

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM	Maximum and annual average TDS and 0.001% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.001% efficient drift eliminators. 98.7% of PM
					PM _{2.5}	Maximum and annual average TDS and 0.001% efficient drift eliminators. 22.5% of PM
6825A	NSR	C-COKE843	Unit 843 Coke Storage and Loading (FINS F-843-1 to F-843-17)	F-843-1, F-843-2, F-843-3, F-843-4, F-843-5, F-843-6, F-843-7, F-843-8, F-843-9, F-843-10, F-843-11, F-843-12, F-843-13, F-843-14, F-843-15, F-843-16, F-843-17	PM	AP-42 Chapter 13.2.4 and 1996 CHEER manual, Summary Table (p. 34), Conveyors, Enclosures, Control Efficiency estimated.
					PM ₁₀	AP-42 Chapter 13.2.4 and 1996 CHEER manual, Summary Table (p. 34), Conveyors, Enclosures, Control Efficiency estimated.
					PM _{2.5}	AP-42 Chapter 13.2.4 and 1996 CHEER manual, Summary Table (p. 34), Conveyors, Enclosures, Control Efficiency estimated.
6825A	NSR	E-01-BLR	Steam Boiler		VOC	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "VOC"
					NO _x	Short-term and Annual: Permit specific limit of 0.015 lb/MMBtu. (Historical BACT)

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 39

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					CO	Short-term: 100 ppmv. Annual: 50 ppmv. (Historical BACT)
					NO _x (MSS)	0.15 lb/MMBtu (TCEQ BACT for transient MSS periods)
					CO (MSS)	500 ppmv
					SO ₂	Short-term: NSPS J limit in 40 CFR 60.104(a)(1). Annual: 45 ppmv
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					NH ₃	10 ppmv (Historical BACT)
6825A	NSR	T-1001	Storage Tank 1001		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
					NH ₃	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks. NH ₃ at 0.33 wt%.
					H ₂ S	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks. H ₂ S at 0.83 wt%.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 40

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
6825A	NSR	T-134	Storage Tank 134		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
6825A	NSR	E-MSS-NT	Non-Tank-Related Plant-Wide Planned Maintenance, Startup, and Shutdown Emissions		VOC	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
					NO _x	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
					CO	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
					SO ₂	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
					PM	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
					PM ₁₀	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
					PM _{2.5}	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
					H ₂ S	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 41

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					HCl	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
					Benzene	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
					Exempt Solvents	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
					NH ₃	TCEQ methodology for various MSS activities as provided in TCEQ Project Number 302340.
6825A	NSR	E-MSS-T	Tank Related Plant- Wide Planned Maintenance, Startup, and Shutdown Emissions		VOC	Tank MSS
					NO _x	Flares and Vapor Oxidizers (October 2000 RG-109) Table 4
					CO	Flares and Vapor Oxidizers (October 2000 RG-109) Table 4
					SO ₂	Sulfur content
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM ₁₀	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					PM _{2.5}	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
					H ₂ S	Sulfur content

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 42

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
139815	106.261, 106.262	E-1241CILD	Catalyst Loading Bin Vent and Vacuum Jet		PM ₁₀	Emission Factor Documentation for AP-42 Section 11.12 Concrete Batching, Table 19.1
					PM _{2.5}	Emission Factor Documentation for AP-42 Section 11.12 Concrete Batching, Table 19.1
156162	106.512	ENG-PS243 WWTU	Engine 27		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO" * 0.2 for VOC. Engine power category 300 to 600 HP, Model Year - 2009+.
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.8 for NO _x . Engine power category 300 to 600 HP, Model Year - 2009+.
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 300 to 600 HP, Model Year - 2009+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 43

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 300 to 600 HP, Model Year - 2009+.
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 300 to 600 HP, Model Year - 2009+.
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 300 to 600 HP, Model Year - 2009+.
156162	106.512	ENG-PS452 WWTU	Engine 28		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.2 for VOC. Engine power category 300 to 600 HP, Model Year - 2009+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 44

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.8 for NO _x . Engine power category 300 to 600 HP, Model Year - 2009+.
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 300 to 600 HP, Model Year - 2009+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ ".
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 300 to 600 HP, Model Year - 2009+.
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 300 to 600 HP, Model Year - 2009+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 45

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 300 to 600 HP, Model Year - 2009+.
158672	106.261, 106.478	T-106, T-107, T-110, T-111, T-283, T-284	Tanks 106, 107, 110, 111, 283, 284		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
159332	106.478	T-2112R	Tank 2112R		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
160937	106.261, 106.262	C-SULFURVAT	Sulfur Vatting		PM	TCEQ Emission Factors for Aggregate Loading
					PM ₁₀	TCEQ Emission Factors for Aggregate Loading
					PM _{2.5}	TCEQ Emission Factors for Aggregate Loading
					H ₂ S	Emission factor Equation from Alberta Research Study and Crescent Technology Study
No Registration No. on approval letter from agency	61, 68, 88	F-8742	Fugitives		VOC	TCEQ-APDG 6422v2, Revised 06/18. Emission factors for "Refinery" from Table II. Control Efficiencies from Table V for 28VHP program.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 46

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
No Registration No. on approval letter from agency	61, 68, 88	L-1010	API Separator at WWTU 8742		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-1020	API Separator at WWTU 8742		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-1030	API Separator at WWTU 8742		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-1110	API Effluent Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-1120	API Effluent Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-1210	API Recovered Skim Oil Transfer Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for internal floating roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-1310	API Recovered Skim Oil Transfer Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for internal floating roof tanks

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 47

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
No Registration No. on approval letter from agency	61, 68, 88	L-1410	API Sludge Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for internal floating roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-2010	Equalization Tank from API Effluent		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-3010	Wastewater Flocculation Units-Fixed Roof Tanks		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-3110	Dissolved Nitrogen Floatation Units-Fixed Roof Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-3120	Dissolved Nitrogen Floatation Units-Fixed Roof Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-3210	DNF Float Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for internal floating roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-3310	DNF Effluent Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 48

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
No Registration No. on approval letter from agency	61, 68, 88	L-3320	DNF Effluent Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for external floating roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-5010	Activated Sludge w/Diffused Aeration Fixed Roof Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-5020	Activated Sludge w/Diffused Aeration Fixed Roof Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-6002	Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-6010	Wastewater Tank		VOC	N/A
No Registration No. on approval letter from agency	61, 68, 88	L-6020	Wastewater Tank		VOC	N/A
No Registration No. on approval letter from agency	61, 68, 88	L-6110	Wastewater Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 49

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
No Registration No. on approval letter from agency	61, 68, 88	L-7010	Wastewater Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.1 using applicable equations for fixed roof tanks
No Registration No. on approval letter from agency	61, 68, 88	L-8010	Tank		VOC	AP-42 Chapter 7.1, Section 7.1.3.2 using applicable equations for internal floating roof tanks
No Registration No. on approval letter from agency	61, 68, 88	PRO-WWTU	Wastewater Treatment Unit 8742		VOC	VOC concentration
No Registration No. on approval letter from agency	61, 68, 88	E-RTO-8742	WWTU-8742 Regenerative Thermal Oxidizer		VOC	97% DRE (Standard Exemption requirement)
					NO _x	Vendor Guarantee
					CO	AP-42 Chapter 1.4, Table 1.4-1 for Pollutant "CO"
					SO ₂	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "SO ₂ "
					PM	AP-42 Chapter 1.4, Table 1.4-2 for Pollutant "PM (Total)"
Unregistered PBR	106.511	ENG-ADMN	Administration Building Generator		VOC	AP-42, Table 3.2-3 for Pollutant "VOC"
					NO _x	AP-42, Table 3.2-3 for Pollutant "NO _x <90% Load"
					CO	AP-42, Table 3.2-3 for Pollutant "CO"
					SO ₂	AP-42, Table 3.2-3 for Pollutant "SO ₂ "
					PM	AP-42, Table 3.2-3 for Pollutant "PM ₁₀ "
					PM ₁₀	AP-42, Table 3.2-3 for Pollutant "PM ₁₀ "
					PM _{2.5}	AP-42, Table 3.2-3 for Pollutant "PM _{2.5} "

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 50

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
Unregistered PBR	106.512	ENG-138PS	SRTF 138 PS Engine		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.2 for VOC. Engine power category 11 to 25 HP, Model Year - 2011+.
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.8 for NO _x . Engine power category 11 to 25 HP, Model Year - 2011+.
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 11 to 25 HP, Model Year - 2011+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 11 to 25 HP, Model Year - 2011+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 51

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 11 to 25 HP, Model Year - 2011+.
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 11 to 25 HP, Model Year - 2011+.
Unregistered PBR	106.511	ENG-15PS	Stormwater Backup Pump		VOC	AP-42, Table 3.2-3 for Pollutant "VOC"
					NO _x	AP-42, Table 3.2-3 for Pollutant "NO _x <90% Load"
					CO	AP-42, Table 3.2-3 for Pollutant "CO"
					SO ₂	AP-42, Table 3.2-3 for Pollutant "SO ₂ "
					PM	AP-42, Table 3.2-3 for Pollutant "PM ₁₀ "
					PM ₁₀	AP-42, Table 3.2-3 for Pollutant "PM ₁₀ "
					PM _{2.5}	AP-42, Table 3.2-3 for Pollutant "PM _{2.5} "
Unregistered PBR	106.511	ENG-443N	Emergency HF Release Water Supply		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.2 for VOC. Engine power category 600 to 750 HP, Model Year - 2009+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 52

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.8 for NO _x . Engine power category 600 to 750 HP, Model Year - 2009+.
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 600 to 750 HP, Model Year - 2009+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ ".
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 600 to 750 HP, Model Year - 2009+.
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 600 to 750 HP, Model Year - 2009+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 53

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 600 to 750 HP, Model Year - 2009+.
Unregistered PBR	106.511	ENG-443S	Emergency HF Release Water Supply		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.2 for VOC. Engine power category 600 to 750 HP, Model Year - 2009+.
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.8 for NO _x . Engine power category 600 to 750 HP, Model Year - 2009+.
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 600 to 750 HP, Model Year - 2009+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 54

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 600 to 750 HP, Model Year - 2009+.
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 600 to 750 HP, Model Year - 2009+.
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 600 to 750 HP, Model Year - 2009+.
Unregistered PBR	106.511	ENG-480PS1	480 Pump Station Engine 1		VOC	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NMHC" * 0.2 for VOC. Engine power category 130 to 560 kW.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 55

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					NO _x	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NO _x ". Engine power category 130 to 560 kW.
					CO	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "CO". Engine power category 130 to 560 kW.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "
					PM	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.
					PM ₁₀	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 56

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.
Unregistered PBR	106.511	ENG-480PS2	480 Pump Station Engine 2		VOC	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NMHC" * 0.2 for VOC. Engine power category 130 to 560 kW.
					NO _x	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NO _x ". Engine power category 130 to 560 kW.
					CO	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "CO". Engine power category 130 to 560 kW.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 57

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.
					PM ₁₀	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.
					PM _{2.5}	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.
Unregistered PBR	106.511	ENG-70AC1	70 AC Station Engine 1		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.2 for VOC. Engine power category 300 to 600 HP, Model Year - 2009+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 58

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.8 for NO _x . Engine power category 300 to 600 HP, Model Year - 2009+.
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 300 to 600 HP, Model Year - 2009+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ ".
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 300 to 600 HP, Model Year - 2009+.
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 300 to 600 HP, Model Year - 2009+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 59

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 300 to 600 HP, Model Year - 2009+.
Unregistered PBR	106.511	ENG-70AC2	Plant Air Backup		VOC	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NMHC" * 0.2 for VOC. Engine power category 130 to 560 kW.
					NO _x	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NO _x ". Engine power category 130 to 560 kW.
					CO	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "CO". Engine power category 130 to 560 kW.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 60

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.
					PM ₁₀	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.
					PM _{2.5}	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.
Unregistered PBR	106.511	ENG-70AC3	Plant Air Backup		VOC	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NMHC" * 0.2 for VOC. Engine power category 130 to 560 kW.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 61

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					NO _x	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NO _x ". Engine power category 130 to 560 kW.
					CO	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "CO". Engine power category 130 to 560 kW.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "
					PM	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.
					PM ₁₀	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 62

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 130 to 560 kW.
Unregistered PBR	106.511	ENG-843S	Coker Maze Cleaning - South		VOC	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NMHC" * 0.2 for VOC. Engine power category 56 to 130 kW.
					NO _x	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NO _x ". Engine power category 56 to 130 kW.
					CO	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "CO". Engine power category 56 to 130 kW.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 63

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 56 to 130 kW.
					PM ₁₀	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 56 to 130 kW.
					PM _{2.5}	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 56 to 130 kW.
Unregistered PBR	106.512	ENG-942-1	942-HCU Engine No. 1		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.2 for VOC. Engine power category 100 to 174 HP, Model Year - 2011+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 64

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.8 for NO _x . Engine power category 100 to 174 HP, Model Year - 2011+.
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 100 to 174 HP, Model Year - 2011+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ ".
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 174 HP, Model Year - 2011+.
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 174 HP, Model Year - 2011+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 65

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 174 HP, Model Year - 2011+.
Unregistered PBR	106.512	ENG-942-2	942-HCU Engine No. 2		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.2 for VOC. Engine power category 100 to 174 HP, Model Year - 2011+.
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.8 for NO _x . Engine power category 100 to 174 HP, Model Year - 2011+.
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 100 to 174 HP, Model Year - 2011+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 66

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 174 HP, Model Year - 2011+.
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 174 HP, Model Year - 2011+.
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 174 HP, Model Year - 2011+.
Unregistered PBR	106.511	ENG-CNTSHP	Central Shop Engine		VOC	AP-42, Table 3.2-3 for Pollutant "VOC"
					NO _x	AP-42, Table 3.2-3 for Pollutant "NO _x <90% Load"
					CO	AP-42, Table 3.2-3 for Pollutant "CO"
					SO ₂	AP-42, Table 3.2-3 for Pollutant "SO ₂ "
					PM	AP-42, Table 3.2-3 for Pollutant "PM ₁₀ "
					PM ₁₀	AP-42, Table 3.2-3 for Pollutant "PM ₁₀ "
					PM _{2.5}	AP-42, Table 3.2-3 for Pollutant "PM _{2.5} "

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 67

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
Unregistered PBR	106.512	ENG-NSRU1	NSRU Stormwater Pump No. 1		VOC	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NMHC" * 0.2 for VOC. Engine power category 56 to 130 kW.
					NO _x	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "NO _x ". Engine power category 56 to 130 kW.
					CO	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "CO". Engine power category 56 to 130 kW.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "
					PM	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 56 to 130 kW.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 68

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM ₁₀	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 56 to 130 kW.
					PM _{2.5}	Subpart A of Part 1039 - Table 1 OF § 1039.101.—Tier 4 Exhaust Emission Standards After the 2014 Model Year for Pollutant "PM". Engine power category 56 to 130 kW.
Unregistered PBR	106.512	ENG-T99100	NTF TK-100 & TK-99 Engine		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.2 for VOC. Engine power category 50 to 75 HP, Model Year - 2011+.
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.8 for NO _x . Engine power category 50 to 75 HP, Model Year - 2011+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 69

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 50 to 75 HP, Model Year - 2011+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 50 to 75 HP, Model Year - 2011+.
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 50 to 75 HP, Model Year - 2011+.
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 50 to 75 HP, Model Year - 2011+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 70

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
Unregistered PBR	106.512	ENG-T283	STF 283 Tank Engine		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.2 for VOC. Engine power category 100 to 175 HP, Model Year - 2010+.
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NO _x " * 0.8 for NO _x . Engine power category 100 to 175 HP, Model Year - 2010+.
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 100 to 175 HP, Model Year - 2010+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 175 HP, Model Year - 2010+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 71

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 175 HP, Model Year - 2010+.
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 175 HP, Model Year - 2010+.
Unregistered PBR	106.512	ENG-TRCTHW	WWTU 8742 Tract H West Engine		VOC	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NOX" * 0.2 for VOC. Engine power category 100 to 174 HP, Model Year - 2011+.
					NO _x	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "NMHC + NOX" * 0.8 for NOX. Engine power category 100 to 174 HP, Model Year - 2011+.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 72

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					CO	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "CO". Engine power category 100 to 174 HP, Model Year - 2011+.
					SO ₂	AP-42, Table 3.3-1 for Pollutant "SO ₂ "
					PM	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 174 HP, Model Year - 2011+.
					PM ₁₀	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 174 HP, Model Year - 2011+.
					PM _{2.5}	Table 4 to Subpart IIII of Part 60 - Emission Standards for Stationary Fire Pump Engines for Pollutant "PM". Engine power category 100 to 174 HP, Model Year - 2011+.
Unregistered PBR	106.371	E-CT-101	243 Cooling Tower 101		PM	Maximum and annual average TDS and 0.01625% efficient drift eliminators.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 73

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM ₁₀	Maximum and annual average TDS and 0.01625% efficient drift eliminators.
					PM _{2.5}	Maximum and annual average TDS and 0.01625% efficient drift eliminators.
Unregistered PBR	106.371	E-CT-233	244 Cooling Tower 233		PM	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					PM _{2.5}	Maximum and annual average TDS and 0.02% efficient drift eliminators.
Unregistered PBR	106.371	E-CT-354	543 Cooling Tower 354		PM	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					PM _{2.5}	Maximum and annual average TDS and 0.02% efficient drift eliminators.
Unregistered PBR	106.371	E-CT-360	1344 Cooling Tower 360		PM	Maximum and annual average TDS and 0.01625% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.01625% efficient drift eliminators.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 74

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
					PM _{2.5}	Maximum and annual average TDS and 0.01625% efficient drift eliminators.
Unregistered PBR	106.371	E-CT-363	245 Cooling Tower 363		PM	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					PM _{2.5}	Maximum and annual average TDS and 0.02% efficient drift eliminators.
Unregistered PBR	106.371	E-CT-100	241/242 Cooling Tower 100		PM	Maximum and annual average TDS and 0.01625% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.01625% efficient drift eliminators.
					PM _{2.5}	Maximum and annual average TDS and 0.01625% efficient drift eliminators.
Unregistered PBR	106.371	E-CT-244	443 Cooling Tower 244		PM	Maximum and annual average TDS and 0.01625% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.01625% efficient drift eliminators.
					PM _{2.5}	Maximum and annual average TDS and 0.01625% efficient drift eliminators.

Attachment 7

Permit Numbers 6825A, PSDTX49M2, N65, and GHGPSDTX167M1

Page 75

Permit No.	Permit Type	Renewal Emission Point No.	Source Name	Cap Individual Sources	Air Contaminant Name	Emission Factor Basis
Unregistered PBR	106.371	E-CT-N1	PS-138 Cooling Tower		PM	Maximum and annual average TDS drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					PM _{2.5}	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.
Unregistered PBR	106.371	E-CT-601U	SRU-544 Cooling Tower		PM	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					PM ₁₀	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					PM _{2.5}	Maximum and annual average TDS and 0.02% efficient drift eliminators.
					VOC	Short-term: Allowable leak limit in SC 23.B of 0.8 ppmw. Annual: AP-42 Chapter 5.1, Table 5.1-3 for "Controlled Emissions" from Cooling Towers.

Date: October 29, 2024

Emission Sources - Maximum Allowable Emission Rates

Permit Number 6825A, PSDTX49M2, and N65

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
Emission Caps (6)				
		SO ₂	705.4	1,503
		NO _x	859.9	1,611
		CO	1174	2,950
		PM	120.8	455.00
		Ammonia	2.66	8.99
		H ₂ S	4.64	11.40
		Benzene	2.77	9.39
		HF	0.33	1.64
		MTBE	12.11	27.89
		VOC	562.2	1,557
		VOC (7) (8)		1,729
Emissions not in permit emission caps:				
E-MSS-BH15	Boiler MSS	NO _x	130.50	1.44
		CO	283.10	3.11

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-01-245	Heater 245	NO _x	1.44	6.31
		VOC	0.18	0.77
		SO ₂	0.85	0.96
		CO	2.48	10.84
		PM	0.26	1.07
		PM ₁₀	0.26	1.07
		PM _{2.5}	0.26	1.07
E-V54	CCR Regen Vent	HCl	0.02	0.07
		VOC	0.16	0.70
C-COEXII	COEXII VOC Normal and Non-Tank MSS Emissions Cap (5)	VOC	33.73	105.79
T-112	Tank 112	VOC	9.49	3.50
		H ₂ S	0.14	0.24
T-113	Tank 113	VOC	9.49	3.50
		H ₂ S	0.14	0.24
T-114	Tank 114	VOC	9.49	3.50
		H ₂ S	0.14	0.24
T-8010	Coker 843 Sludge Tank 8010	VOC	0.04	0.18
T-8400	Coker 844 Sludge Tank 8400	VOC	0.04	0.18
T-8002	547 Sulfur Tank	H ₂ S	0.48	0.39
T-37	844 Feed Tank 37	VOC	12.18	3.89
E-01-844	DCU 844 Coker Furnace #1	NO _x	3.45	13.75
		NO _x (MSS)	34.55	(10)
		VOC	1.24	4.94

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		SO ₂	5.34	3.93
		CO	16.57	32.97
		CO (MSS)	82.83	(10)
		PM	1.84	6.99
		PM ₁₀	1.84	6.99
		PM _{2.5}	1.84	6.99
		NH ₃	1.01	4.00
E-02-844	DCU 844 Coker Furnace #2	NO _x	3.45	13.75
		NO _x (MSS)	34.55	(10)
		VOC	1.24	4.94
		SO ₂	5.34	3.93
		CO	16.57	32.97
		CO (MSS)	82.83	(10)
		PM	1.84	6.99
		PM ₁₀	1.84	6.99
		PM _{2.5}	1.84	6.99
		NH ₃	1.01	4.00
E-03-SRK	545/546/547 South Plant Sulfur Truck Loading	H ₂ S	0.72	0.62

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-05-SCOT	SRU 547 (14)	VOC	0.45	1.96
		NO _x	6.63	29.03
		CO	36.19	63.41
		PM	1.23	5.41
		PM ₁₀	1.23	5.41
		PM _{2.5}	1.23	5.41
		SO ₂	81.46	142.72
		H ₂ S	0.88	3.85
E-CSV844	Coker Unit 844 Steam Vent	VOC	55.00	35.50
		PM	1.31	0.85
		PM ₁₀	1.31	0.85
		PM _{2.5}	1.31	0.85
		H ₂ S	3.13	2.02
E-CSV843	Coker Unit 843 Steam Vent	VOC	55.00	61.38
		PM	2.28	1.75
		PM ₁₀	2.28	1.75
		PM _{2.5}	2.28	1.75
		H ₂ S	5.43	4.18
C-COKE844	Unit 844 coke handling (FINS F-844-1 to F-844-6)	PM	0.26	0.40
		PM ₁₀	0.12	0.19
		PM _{2.5}	0.02	0.03
E-WWC-844	Coker 844 Wastewater Collection System	VOC	0.01	0.03
E-MSS-CEP (Coker Unit 844, SRU 547, E-23-Flare, E-26-Flare, T-112, T-113, T-114)	Coker 844 Project MSS (11)	VOC	542.76	5.49
		NO _x	29.03	0.51
		CO	194.71	3.27
		SO ₂	299.15	8.97

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		H ₂ S	3.18	0.19
		PM	1.48	<0.01
		PM ₁₀	1.48	<0.01
		PM _{2.5}	1.48	<0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
Emissions in permit emission caps:				
C-BH15-1	Boilerhouse 15 Subcap, Post-mod Phase I	NO _x	78.03	247.5
		VOC	7.05	22.27
		SO ₂	58.74	37.12
		CO	107.46	169.9
		PM	9.15	31.09
		PM ₁₀	9.15	31.09
		PM _{2.5}	9.15	31.09
E-01-146	Heater 146-H101	NO _x	36.85	149.66
		VOC	2.97	12.05
		SO ₂	19.73	14.84
		CO	37.22	75.58
		CO (MSS)	186.09	(10)
		PM	4.10	16.64
		PM ₁₀	4.10	16.64
		PM _{2.5}	4.10	16.64

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-02-146	Heater 146-H102AB	NO _x	16.12	70.61
		VOC	1.40	6.14
		SO ₂	9.33	7.57
		CO	17.59	38.53
		CO (MSS)	87.97	(10)
		PM	1.94	8.49
		PM ₁₀	1.94	8.49
		PM _{2.5}	1.94	8.49
E-01-147	Heater 147-F-1100	NO _x	13.86	60.71
		VOC	2.14	9.35
		SO ₂	10.59	7.58
		CO	32.61	68.93
		PM	2.95	12.92
		PM ₁₀	2.95	12.92
		PM _{2.5}	2.95	12.92
		NO _x (MSS)	138.60	(10)
		CO (MSS)	142.42	(10)
E-02-147	Heater 147-F-1200	NO _x	7.80	17.28
		VOC	0.92	3.29
		SO ₂	4.10	3.29
		CO	10.89	19.25
		PM	1.28	5.60
		PM ₁₀	1.28	5.60
		PM _{2.5}	1.28	5.60
		NO _x (MSS)	79.80	(10)
		CO (MSS)	82.00	(10)

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-01-1344	Heater 1344-H1	NO _x	34.09	115.39
		VOC	3.65	14.80
		SO ₂	11.95	18.53
		CO	40.45	82.24
		PM	5.05	20.45
		PM ₁₀	5.05	20.45
		PM _{2.5}	5.05	20.45
		NO _x (MSS)	291.90	(10)
		CO (MSS)	282.18	(10)
E-02-1344	Heater 1344-H33	NO _x	3.82	9.06
		VOC	0.28	1.22
		SO ₂	0.85	1.39
		CO	4.26	9.33
		PM	0.38	1.69
		PM ₁₀	0.38	1.69
		PM _{2.5}	0.38	1.69
		NO _x (MSS)	91.70	(10)
		CO (MSS)	88.65	(10)
E-03-1344	Heater 1344-H2_3_32	NO _x	12.80	26.81
		VOC	0.86	2.41
		SO ₂	2.89	3.02
		CO	10.64	13.43
		PM	1.19	3.33
		PM ₁₀	1.19	3.33
		PM _{2.5}	1.19	3.33
		NO _x (MSS)	56.00	(10)
		CO (MSS)	54.14	(10)

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-01-843	Heater 843-H1	NO _x	16.00	53.40
		VOC	1.44	5.42
		SO ₂	6.79	4.38
		CO	21.96	31.76
		PM	1.99	7.50
		PM ₁₀	1.99	7.50
		PM _{2.5}	1.99	7.50
		NO _x (MSS)	40.01	(10)
		CO (MSS)	95.92	(10)
E-02-843	Heater 843-H2	NO _x	16.00	53.40
		VOC	1.44	5.42
		SO ₂	6.79	4.38
		CO	21.96	31.76
		PM	1.99	7.50
		PM ₁₀	1.99	7.50
		PM _{2.5}	1.99	7.50
		NO _x (MSS)	40.01	(10)
		CO (MSS)	95.92	(10)
E-03-843	Heater 843-H3	NO _x	16.00	53.40
		VOC	1.44	5.42
		SO ₂	6.79	4.38
		CO	21.96	31.76
		PM	1.99	7.50
		PM ₁₀	1.99	7.50
		PM _{2.5}	1.99	7.50
		NO _x (MSS)	40.01	(10)
		CO (MSS)	95.92	(10)

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-01-246	Heater 246-H1	NO _x	2.20	7.51
		VOC	0.34	1.06
		SO ₂	1.44	0.88
		CO	4.07	6.19
		PM	0.47	1.47
		PM ₁₀	0.47	1.47
		PM _{2.5}	0.47	1.47
E-01-1241	Heater 1241-H1	NO _x	4.96	1.24
		VOC	0.33	0.08
		SO ₂	1.64	0.15
		CO	4.86	0.64
		PM	0.43	0.11
		PM ₁₀	0.43	0.11
		PM _{2.5}	0.43	0.11
E-02-1241	Heater 1241-H2	NO _x	4.96	1.24
		VOC	0.33	0.08
		SO ₂	1.64	0.15
		CO	4.86	0.64
		PM	0.43	0.11
		PM ₁₀	0.43	0.11
		PM _{2.5}	0.43	0.11

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-01-241	Heater 241-B101AB	NO _x	7.92	19.51
		VOC	0.53	2.34
		SO ₂	2.23	2.93
		CO	8.15	13.49
		PM	0.73	3.24
		PM ₁₀	0.73	3.24
		PM _{2.5}	0.73	3.24
E-01-242	Heater 242-B201AB	NO _x	6.62	17.45
		VOC	0.36	1.58
		SO ₂	1.87	1.80
		CO	4.04	11.91
		PM	0.50	2.00
		PM ₁₀	0.50	2.00
		PM _{2.5}	0.50	2.00
E-01-243	Heater 243	NO _x	7.10	19.43
		VOC	0.48	1.87
		SO ₂	1.78	2.32
		CO	6.74	10.31
		PM	0.66	2.58
		PM ₁₀	0.66	2.58
		PM _{2.5}	0.66	2.58
E-01-244	Heater 244 F-101/102	NO _x	7.92	34.70
		VOC	0.36	1.60
		SO ₂	1.90	1.80
		CO	5.13	11.91
		PM	0.49	2.00
		PM ₁₀	0.49	2.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		PM _{2.5}	0.49	2.00
E-01-942	Heater 942-H1_2_3	NO _x	12.83	45.56
		VOC	1.15	4.55
		SO ₂	5.45	3.68
		CO	17.61	26.75
		PM	1.60	6.29
		PM ₁₀	1.60	6.29
		PM _{2.5}	1.60	6.29
		NO _x (MSS)	74.83	(10)
		CO (MSS)	76.89	(10)
E-01-443	Heater 443	NO _x	14.20	42.83
		VOC	1.09	3.88
		SO ₂	3.34	4.86
		CO	16.67	21.44
		PM	1.51	5.35
		PM ₁₀	1.51	5.35
		PM _{2.5}	1.51	5.35
		NO _x (MSS)	70.84	(10)
		CO (MSS)	68.48	(10)
C-REFFUG	Refinery Fugitives Subcap (4)	VOC	268.99	1174.36
		H ₂ S	8.98	26.23
		NH ₃	1.53	5.30
		HF	0.51	2.38
		CO	<0.01	<0.01
		NaOH	<0.01	0.02
C-TNK-REFY Includes: 2147, 2588, 2590R,	Refinery Tank Subcap	VOC	3.94	4.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
78, 88, T-546-1, T-546-2, T-7842-1, T-7842-2				
C-FLARE	Flares Subcap	NO _x	43.94	38.73
		VOC	65.83	58.27
		SO ₂	24.88	8.13
		CO	302.9	266.96
		H ₂ S	0.26	0.09
C-DOCKUN	Uncontrolled Marine Loading F-03-DOCK, F-02-DOCK, F-05-DOCK, F-06-DOCK, F-08-DOCK, F-07-DOCK, F-11-DOCK, F-12-DOCK, F-14-DOCK, F-15-DOCK	VOC	173.52	78.19
C-SCOTSRU	SRUs Subcap	NO _x	49.68	118.40
		VOC	64.24	151.90
		SO ₂	345.83	1056.82
		CO	192.20	896.29
		PM	24.58	58.60
		PM ₁₀	24.58	58.60
		PM _{2.5}	24.58	58.60
		H ₂ S	3.67	11.23
E-01-SCOT	SRU 543	SO ₂	57.90	--
		H ₂ S	0.62	--
E-02-SCOT	SRU 544	SO ₂	82.77	--
		H ₂ S	0.88	--

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-03-SCOT	SRU 545	SO ₂	137.89	--
		H ₂ S	1.47	--
E-04-SCOT	SRU 546	SO ₂	137.89	--
		H ₂ S	1.47	--
E-02-SRK	543/544 Sulfur Loading	H ₂ S	0.36	0.28
E-01-943	HCU - Reactor 1 and Reactor 2 Furnaces	NO _x	7.81	28.51
		VOC (9)	0.60	2.20
		SO ₂	8.20	5.87
		CO	14.93	27.27
		PM	1.66	6.07
		PM ₁₀	1.66	6.07
		PM _{2.5}	1.66	6.07
		NO _x (MSS)	65.10	(10)
		CO (MSS)	62.20	(10)

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-02-943	HCU - Fractionator Feed Furnace	NO _x	5.22	22.86
		NO _x (MSS)	52.20	(12)
		VOC (9)	1.88	8.22
		SO ₂	13.31	10.79
		CO	23.27	50.97
		CO (MSS)	116.37	(12)
		PM	2.90	11.81
		PM ₁₀	2.90	11.81
		PM _{2.5}	2.90	11.81
		NH ₃	1.41	6.19
E-MERICHEM	Merichem Flare	NO _x	1.08	4.73
		CO	4.3	18.85
		VOC	1.61	7.05
		SO ₂	0.01	0.01
E-01-WGS	FCCU Wet Gas Scrubber	NO _x	327.70	271.93
		VOC	15.70	68.80
		SO ₂	114.1	256.08
		CO	498.8	896.29
		PM	63.50	278.13
		PM ₁₀	63.50	278.13
		PM _{2.5}	63.50	278.13
		NH ₃	3.19	12.38
		HCN	89.80	347.95
		H ₂ SO ₄	18.26	80.00
E-MC-24-25	Controlled Marine Loading (12)	NO _x	52.98	22.34
		VOC	68.14	23.72
		CO	123.01	46.09

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		SO ₂	1.87	0.17
		PM	3.12	1.23
		PM ₁₀	3.12	1.23
		PM _{2.5}	3.12	1.32
C-RCVENT	Butane Railcar Loading	NO _x	0.17	0.73
		VOC	6.01	0.38
		CO	0.25	1.10
		SO ₂	0.01	0.01
		PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	0.02	0.07
E-CT-136A	1241 Cooling Tower 136A	VOC	26.04	11.96
		PM	0.73	2.14
		PM ₁₀	0.43	1.27
		PM _{2.5}	<0.01	<0.01
E-CT-136B	1242 Cooling Tower 136B	VOC	26.44	11.96
		PM	0.74	2.17
		PM ₁₀	0.44	1.29
		PM _{2.5}	<0.01	<0.01
E-CT-233	243 Cooling Tower 233	VOC	5.01	1.24
E-CT-316	BH15 Cooling Tower 316	VOC	1.00	0.46
		PM	0.51	1.78
		PM ₁₀	0.28	0.99
		PM _{2.5}	<0.01	<0.01
E-CT-354	543 Cooling Tower 354	VOC	2.40	1.10
E-CT-360	1344 Cooling Tower	VOC	8.81	4.05

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
	360			
E-CT-363	245 Cooling Tower 363	VOC	4.01	0.89
E-CT-366	146 Cooling Tower 366	VOC	20.03	2.45
		PM	0.56	1.64
		PM ₁₀	0.33	0.97
		PM _{2.5}	<0.01	<0.01
E-CT-100	241/242 Cooling Tower 100	VOC	10.01	4.60
E-CT-101	243 Cooling Tower 101	VOC	12.42	5.70
E-CT-432	Cooling Tower 432 Pre-Drift Upgrade (4) (15)	VOC	14.02	6.44
		PM	4.81	14.64
		PM ₁₀	3.37	10.29
		PM _{2.5}	<0.01	0.01
E-CT-432	Cooling Tower 432 Post-Drift Upgrade (4) (16)	VOC	14.02	6.44
		PM	0.44	1.53
		PM ₁₀	0.28	0.97
		PM _{2.5}	<0.01	<0.01
E-CT-433	147/246/456 Cooling Tower 433	VOC	18.03	8.28
		PM	0.56	1.97
		PM ₁₀	0.31	1.10
		PM _{2.5}	<0.01	<0.01
E-CT-244	443 Cooling Tower 244	VOC	11.22	5.15

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-CT-446	943/7945 Cooling Tower 446	VOC	18.99	8.72
		PM	0.59	2.08
		PM ₁₀	0.33	1.16
		PM _{2.5}	<0.01	<0.01
C-COKE843	Unit 843 coke storage and loading (FINS F-843-1 to F-843-17)	PM	5.17	8.71
		PM ₁₀	2.48	4.26
		PM _{2.5}	0.37	0.63
E-01-BLR	Steam Boiler	VOC	2.49	9.92
		NO _x	6.93	27.87
		CO	33.23	66.83
		NO _x (MSS)	69.3	(10)
		CO (MSS)	166.16	(10)
		SO ₂	10.70	7.89
		PM	3.44	13.71
		PM ₁₀	3.44	13.71
		PM _{2.5}	3.44	13.71
		NH ₃	2.02	8.03
T-1001	Storage Tank 1001	VOC	1.00	1.13
		NH ₃	<0.01	<0.01
		H ₂ S	<0.01	0.01
T-134	Storage Tank 134	VOC	0.71	0.61

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-MSS-NT	Non-Tank-Related Plant-Wide Planned Maintenance, Startup, and Shutdown Emissions (13)	VOC	2,154.45	235.60
		NO _x	399.99	35.02
		CO	4,086.51	111.77
		SO ₂	1,516.48	54.42
		PM	10.18	8.85
		PM ₁₀	3.10	2.75
		PM _{2.5}	3.10	2.75
		H ₂ S	60.11	3.08
		HCl	1.20	5.27
		Benzene	8.84	1.08
		Exempt Solvents	0.36	0.53
		NH ₃	6.99	0.27
E-MSS-T	Tank Related Plant-Wide Planned Maintenance, Startup, and Shutdown Emissions (13)	VOC	5,514.63	9.37
		NO _x	577.56	1.05
		CO	1,323.86	2.15
		SO ₂	9.89	1.43
		PM	0.12	0.02
		PM ₁₀	0.12	0.02
		PM _{2.5}	0.12	0.02
		H ₂ S	2.23	0.02

- (1) Emission point identification - either specific equipment designation or emission point number (EPN).
(2) Specific point source names. For fugitive sources use area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code §101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented.

Emission Sources - Maximum Allowable Emission Rates

PM _{2.5}	-	particulate matter equal to or less than 2.5 microns in diameter
H ₂ S	-	hydrogen sulfide
HCl	-	hydrogen chloride
HF	-	hydrogen fluoride
MTBE	-	methyl-tertiary-butyl ether
N ₂ O	-	nitrous oxide
NH ₃	-	ammonia
HCN	-	hydrogen cyanide
H ₂ SO ₄	-	sulfuric acid

- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) These facilities were subject to nonattainment review for VOC for Permit N65. The non-Tank maintenance, startup, and shutdown (MSS) VOC emissions associated with the COEX II facilities must also be added to the routine VOC emissions from the COEX II facilities to determine compliance with this annual emission cap.
- (6) These emission caps have been carried forward from the historic flexible permit. Except for the VOC emissions caps, these emission caps are the sum of the individual and subcap emission rates for the pollutant and are shown for information purposes only.
- (7) The VOC emissions caps are more limiting than the sum of the individual emission rate limits for those facilities.
- (8) With the exception of VOC emissions from COEXII facilities, this annual emissions cap applies to the sum total of all normal emissions from the facilities listed on Attachment I and the Non-tank MSS VOC emissions from the facilities listed in Attachment 6. VOC MSS emissions from COEX II facilities and the Coker 844 Project do not need to be included when showing compliance with the annual VOC cap.
- (9) Emissions are a subcap of COEXII VOC Cap.
- (10) Annual emissions are included as part of annual emissions authorized for normal facility operation.
- (11) Hourly emissions from Flare EPNs E-23-Flare and E-26-Flare are a subcap of the emissions authorized for the flare in the "MSS Non-Tank Sub-Cap".
- (12) Includes emissions from marine vapor combustors E-MC-24 and E-MC-25.
- (13) These plant-wide MSS emissions subcaps do not include any Coker 844 Project MSS emissions except for hourly emissions from Flare EPNs E-23-Flare and E-26-Flare.
- (14) Emission rates for EPN E-05-SCOT are reflective of the worst-case calculated emissions of either with or without oxygen enrichment from SRU 547.
- (15) Emissions from EPN E-CT-432 'pre-drift upgrade' are applicable until completion of the drift eliminator upgrades to be completed before December 31, 2026.
- (16) Emissions from EPN E-CT-432 'post-drift upgrade' are applicable after completion of the drift eliminator upgrades to be completed before December 31, 2026.

Date: October 29, 2024

Emission Sources - Maximum Allowable Emission Rates

Permit Number GHGPSDTX167M1

This table lists the maximum allowable emission rates of greenhouse gas (GHG) emissions, as defined in Title 30 Texas Administrative Code § 101.1, for all sources of GHG air contaminants on the applicant's property that are authorized by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities authorized by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-01-245	Heater 245	CO ₂ (5)	--	18,687.00
		N ₂ O (5)	--	0.19
		CH ₄ (5)	--	0.95
		CO ₂ e	--	18,767.00
T-112	112	CH ₄ (5)	-	0.03
		CO ₂ e	-	0.87
T-113	113	CH ₄ (5)	-	0.03
		CO ₂ e	-	0.87
T-114	114	CH ₄ (5)	-	0.03
		CO ₂ e	-	0.87
E-01-844	DCU 844 Coker Furnace #1	CO ₂ (5)	--	119,242.00
		N ₂ O (5)	--	1.21
		CH ₄ (5)	--	6.06
		CO ₂ e	--	119,755.00
E-02-844	DCU 844 Coker Furnace #2	CO ₂ (5)	--	119,242.00
		N ₂ O (5)	--	1.21
		CH ₄ (5)	--	6.06
		CO ₂ e	--	119,755.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-05-SCOT	SRU 547	CO ₂ (5)	--	131,987
		N ₂ O (5)	--	0.48
		CH ₄ (5)	--	2.40
		CO ₂ e	--	132,190
E-CSV-844	Coker Unit 844 Steam Vent	CH ₄ (5)	--	161.38
		CO ₂ e	--	4,034.00
E-CSV-843	Coker Unit 843 Steam Vent	CH ₄ (5)	--	279.00
		CO ₂ e	--	6,975.00
E-MSS-CEP	Coker 844 Project MSS	CO ₂ (5)	--	1,101.00
		N ₂ O (5)	--	0.01
		CH ₄ (5)	--	0.06
		CO ₂ e	--	1,106.00
E-01-146	Heater 146-H101	CO ₂ (5)	--	290,556.00
		N ₂ O (5)	--	2.95
		CH ₄ (5)	--	14.77
		CO ₂ e	--	291,806.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-02-146	Heater 146-H102AB	CO ₂ (5)	--	148,127.00
		N ₂ O (5)	--	1.51
		CH ₄ (5)	--	7.53
		CO ₂ e	--	148,764.00
E-01-147	Heater 147-F-1100	CO ₂ (5)	--	225,609.00
		N ₂ O (5)	--	2.29
		CH ₄ (5)	--	11.47
		CO ₂ e	--	226,579.00
E-02-147	Heater 147-F-1200	CO ₂ (5)	--	97,764.00
		N ₂ O (5)	--	0.99
		CH ₄ (5)	--	4.97
		CO ₂ e (5)	--	98,184.00
E-01-1344	Heater 1344-H1	CO ₂ (5)	--	356,986.00
		N ₂ O (5)	--	3.63
		CH ₄ (5)	--	18.15
		CO ₂ e	--	358,521.00
E-02-1344	Heater 1344-H33	CO ₂ (5)	--	29,568.00
		N ₂ O (5)	--	0.30
		CH ₄ (5)	--	1.50
		CO ₂ e	--	29,696.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-03-1344	Heater 1344-H2_3_32	CO ₂ (5)	--	58,111.00
		N ₂ O (5)	--	0.59
		CH ₄ (5)	--	2.95
		CO ₂ e	--	58,361.00
E-01-843	Heater 843-H1	CO ₂ (5)	--	130,921.00
		N ₂ O (5)	--	1.33
		CH ₄ (5)	--	6.66
		CO ₂ e	--	131,485.00
E-02-843	Heater 843-H2	CO ₂ (5)	--	130,921.00
		N ₂ O (5)	--	1.33
		CH ₄ (5)	--	6.66
		CO ₂ e	--	131,485.00
E-03-843	Heater 843-H3	CO ₂ (5)	--	130,921.00
		N ₂ O (5)	--	1.33
		CH ₄ (5)	--	6.66
		CO ₂ e	--	131,485.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-01-246	Heater 246-H1	CO ₂ (5)	--	25,637.00
		N ₂ O (5)	--	0.26
		CH ₄ (5)	--	1.30
		CO ₂ e	--	25,748.00
E-01-241	Heater 241-B101AB	CO ₂ (5)	--	56,516.00
		N ₂ O (5)	--	0.57
		CH ₄ (5)	--	2.87
		CO ₂ e	--	56,759.00
E-01-242	Heater 242-B201AB	CO ₂ (5)	--	34,924.00
		N ₂ O (5)	--	0.36
		CH ₄ (5)	--	1.78
		CO ₂ e	--	35,074.00
E-01-243	Heater 243	CO ₂ (5)	--	45,065.00
		N ₂ O (5)	--	0.46
		CH ₄ (5)	--	2.29
		CO ₂ e	--	45,259.00
E-01-244	Heater 244 F-101/102	CO ₂ (5)	--	34,924.00
		N ₂ O (5)	--	0.36
		CH ₄ (5)	--	1.78
		CO ₂ e	--	35,074.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-01-942	Heater 942-H1_2_3	CO ₂ (5)	--	109,785.00
		N ₂ O (5)	--	1.12
		CH ₄ (5)	--	5.58
		CO ₂ e	--	110,257.00
E-01-443	Heater 443	CO ₂ (5)	--	93,377.00
		N ₂ O (5)	--	0.95
		CH ₄ (5)	--	4.75
		CO ₂ e	--	93,779.00
C-REFFUG Includes: F-1241, F-1242, F-1344, F-146, F-147, F-15BH, F-16BH, F-241, F-242, F-243, F-244, F-245, F-246, F-443, F-545, F-546, F-547, F-6341, F-7542, F-7841, F-7842, F-7848, F-843, F-844, F-8746, F-8747, F-942, FUAUCT, F-DOCKS, F-544, F-Fueling Station, F-163PH, F-41PH, F-FGMD, F-SRTF, F-Utilities, F-8741, F-543/4, F-NSTF, F-BH-19, F-7843, F-943-75K, F-844	Refinery Fugitives VOC Subcap (4)	CH ₄ (5)	-	113.20
		CO ₂ e	-	2829.94
E-01-943	HCU - Reactor 1 and Reactor 2 Furnaces	CO ₂ (5)	--	105,968.00
		N ₂ O (5)	--	1.08
		CH ₄ (5)	--	5.39
		CO ₂ e	--	106,423.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
E-02-943	HCU - Fractionator Feed Furnace	CO ₂ (5)	--	198,262.00
		N ₂ O (5)	--	2.02
		CH ₄ (5)	--	10.08
		CO _{2e}	--	199,115.00
E-MC-24-25	DOCK-MC	CO ₂ (5)	--	184,895.16
		N ₂ O (5)	--	2.09
		CH ₄ (5)	--	10.44
		CO _{2e}	--	185,777.62
E-01-BLR	Steam Boiler	CO ₂ (5)	--	239281.80
		N ₂ O (5)	--	0.41
		CH ₄ (5)	--	4.06
		CO _{2e}	--	239504.05

- (1) Emission point identification - either specific equipment designation or emission point number (EPN).
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) CO₂ - carbon dioxide
N₂O - nitrous oxide
CH₄ - methane
CO_{2e} - carbon dioxide equivalents based on the following Global Warming Potentials (GWP) found in Table A-1 of Subpart A 40 CFR Part 98 (78 FR 71904) for each pollutant: CO₂ (1), N₂O (298), CH₄ (25), SF₆ (22,800), HFC (various), PFC (various).
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
(5) Emission rate is given for informational purposes only and does not constitute enforceable limit.

Date: October 29, 2024