

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Motiva Enterprises LLC

AUTHORIZING THE OPERATION OF
Port Arthur Refinery
Petroleum Refineries

LOCATED AT
Jefferson County, Texas
Latitude 29° 52' 59" Longitude 93° 57' 59"
Regulated Entity Number: RN100209451

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: O1386 Issuance Date: August 25, 2023

For the Commission

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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 CC, UUU, EEEE, YYYY, ZZZZ, or DDDDD as identified in the attached Applicable Requirements Summary table are

subject to 30 TAC Chapter 113, Subchapter C, §§ 113.340, 113.780, 113.880, 113.1080, 113.1090, or 113.1130 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 and constructed after January 31, 1972 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. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- F. 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)
- G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)

- (ii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
- 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)

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 § 60.692-2(d) (relating to Standards: Individual Drain Systems)
 - D. Title 40 CFR § 60.692-6(a) - (b) (relating to Standards: Delay of Repair)
 - E. Title 40 CFR § 60.692-7(a) - (b) (relating to Standards: Delay of Compliance)
 - F. Title 40 CFR § 60.693-1(a) - (d), (e)(1) - (3) (relating to Alternative Standards for Individual Drain Systems)
 - G. Title 40 CFR § 60.697(a), (b)(1) - (3) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems
 - H. Title 40 CFR § 60.697(f)(1) - (2), (g) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems
 - I. Title 40 CFR § 60.697(h) (relating to Recordkeeping Requirements), as applicable to excluded Stormwater Sewer Systems
 - J. Title 40 CFR § 60.697(i) (relating to Recordkeeping Requirements), as applicable to excluded Ancillary Equipment
 - K. Title 40 CFR § 60.697(j) (relating to Recordkeeping Requirements), as applicable to excluded Non-contact Cooling Water Systems
 - L. Title 40 CFR § 60.698(a), and (b)(1) (relating to Reporting Requirements), as applicable to Individual Drain Systems
 - M. Title 40 CFR § 60.698(c) (relating to Reporting Requirements), for water seal breaches in Drain Systems
 - N. 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 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(c)(2) (relating to Standards: General)
 - C. For exempting waste streams:
 - (i) Title 40 CFR § 61.342(c)(3)(i) (relating to Standards: General)
 - (ii) Title 40 CFR § 61.342(c)(3)(ii)(A) - (C) (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(j) (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)(2)(i) - (ii) (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)(3) (relating to Reporting Requirements)
12. 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)
13. For facilities with individual drain systems subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.346(a)(1)(i)(A), (B), (ii), (2), and (3) (relating to Standards: Individual Drain Systems)
 - B. Title 40 CFR § 61.346(b)(1), (2), (2)(i), (3), (4)(i) - (iv), and (5) (relating to Standards: Individual Drain Systems)
 - C. Title 40 CFR § 61.346(b)(2)(ii)(A) (relating to Standards: Individual Drain Systems), for junction boxes
 - D. Title 40 CFR § 61.346(b)(2)(ii)(B) (relating to Standards: Individual Drain Systems), for junction boxes
 - E. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
 - F. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
 - G. 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 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. Group 1 process wastewater streams not managed in a wastewater management unit subject to 40 CFR Part 63, Subpart G shall comply with 40 CFR Part 61, Subpart FF as specified in 40 CFR §§ 63.647(a) - (c) and 63.655(a)
16. 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).

17. 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).
18. 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.

Additional Monitoring Requirements

19. 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.
 - E. 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.
20. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. 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

21. 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 January 28, 2025 in the application for project 37602), 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
22. 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.
23. 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).
24. 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. Applicable requirements of 30 TAC § 116.617 for Pollution Control Projects based on the information contained in the registration application.
 - D. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects

Compliance Requirements

25. 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.
26. 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).
27. 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)
28. 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

29. 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

30. 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.

Temporary Fuel Shortages (30 TAC § 112.15)

31. The permit holder shall comply with the following 30 TAC Chapter 112 requirements:
- A. Title 30 TAC § 112.15 (relating to Temporary Fuel Shortage Plan Filing Requirements)

- B. Title 30 TAC § 112.16(a), (a)(1), and (a)(2)(B) - (C) (relating to Temporary Fuel Shortage Plan Operating Requirements)
- C. Title 30 TAC § 112.17 (relating to Temporary Fuel Shortage Plan Notification Procedures)
- D. Title 30 TAC § 112.18 (relating to Temporary Fuel Shortage Plan Reporting Requirements)

Alternative Requirements

- 32. 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, demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

Permit Location

- 33. 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)

- 34. 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

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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
004TK001	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
208TK38629	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
208TK38629	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
815PU13640	SRIC ENGINES	N/A	60III-N10-300-	40 CFR Part 60, Subpart IIII	No changing attributes.
815PU13640	SRIC ENGINES	N/A	63ZZZZ-N06+300- ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
815PU13660	SRIC ENGINES	N/A	60III-N07-75-	40 CFR Part 60, Subpart IIII	No changing attributes.
815PU13660	SRIC ENGINES	N/A	63ZZZZ-N06+100- ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
815PU13661	SRIC ENGINES	N/A	60III-N08-130-	40 CFR Part 60, Subpart IIII	No changing attributes.
815PU13661	SRIC ENGINES	N/A	63ZZZZ-N06+250- ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
815PU13662	SRIC ENGINES	N/A	60III-N14-56-	40 CFR Part 60, Subpart IIII	No changing attributes.
815PU13662	SRIC ENGINES	N/A	63ZZZZ-N06+100- ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
815PU13663	SRIC ENGINES	N/A	60III-E10-560-	40 CFR Part 60, Subpart IIII	No changing attributes.
815PU13663	SRIC ENGINES	N/A	63ZZZZ- E06+500+	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
835GEN001	SRIC ENGINES	N/A	63ZZZZ-E02+250- ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ARU4FE	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-ARU4FE	40 CFR Part 63, Subpart CC	No changing attributes.
BOILER 46	EMISSION POINTS/STATIONARY	N/A	R1111-BOILER 46	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
BOILER 46	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-BOILER 46	40 CFR Part 60, Subpart Db	No changing attributes.
BOILER 46	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-BOILER 46	40 CFR Part 60, Subpart J	No changing attributes.
BOILER 46	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-BLR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CEPFUG	FUGITIVE EMISSION UNITS	N/A	R5322-CEPFUG	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
CEPFUG	FUGITIVE EMISSION UNITS	N/A	63CC- CEPFBELFGR	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 to a fuel gas system
CEPFUG	FUGITIVE EMISSION UNITS	N/A	63CC- CEPFBELPRO	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
					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, 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)
CEPFUG	FUGITIVE EMISSION UNITS	N/A	63CC-CEPFG- PILF	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
CEPFUG	FUGITIVE EMISSION UNITS	N/A	63CC- CEPFG648j5	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), 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
					condition in § 63.648(j)(5)(ii)-(vi)
CEPFUG	FUGITIVE EMISSION UNITS	N/A	63CC- CEFPILFGR	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
CEPFUG	FUGITIVE EMISSION UNITS	N/A	63CC- CEFPILPRO	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 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)
CEPFUG	FUGITIVE EMISSION UNITS	N/A	63CC-CEPFUG	40 CFR Part 63, Subpart CC	RANDOM 200 (CNCTR) = NO, HVY LIQ SERV (OPEN VAL/I) = YES, G/V LITE LIQ SERV (VALVES) = YES, HVY LIQ SERV (CNCTR) = YES, ENC COMBUSTION

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					DEVICES = NO, FLARES = YES, BYPASS LINES = NO, UNSAFE TO INSPECT = YES, DIFFICULT TO INSPECT = YES, HVY LIQ SERV (INSTRU SYS) = Instrumentation equipment in heavy liquid service complying with MACT H, Control Device Type = Flare, Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used, ANY (INSTRUMENT SYSTEM) = YES, ANY (CLOSED VENT SYSTEM) = YES, REC/RECAP DEV (CVS) = YES, G/V LITE LIQ SERV (CNCTR) = YES, MONITOR CONNECT (VALVES) = YES, LEAKLESS PHASE III VALVES = NO, HVY LIQUID SERV (VALVES) = YES
CEPFUG	FUGITIVE EMISSION UNITS	N/A	63CC-CEPFUG- PRO	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 device does not meet any condition in § 63.648(j)(5)(ii)-(vi)
CEPFUG	FUGITIVE EMISSION UNITS	N/A	63CC- CEPFUGBELF	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
					(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), Control Device Type = Flare, Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used
CRU4 DPREB	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
CRU4 DPREB	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CRU4INTHT1	PROCESS HEATERS/FURNACES	N/A	R7110-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
CRU4INTHT1	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CRU4INTHT2	PROCESS HEATERS/FURNACES	N/A	R7110-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
CRU4INTHT2	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CRU4NHTCHT	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
CRU4NHTCHT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	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
CRU4PLATHT	PROCESS HEATERS/FURNACES	N/A	R7110-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
CRU4PLATHT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CRU4SRBL	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
CRU4SRBL	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CRU5FE	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-CRU5FE	40 CFR Part 63, Subpart CC	No changing attributes.
CRU5INTHT1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-CRU5INTHT1	40 CFR Part 60, Subpart J	No changing attributes.
CRU5INTHT1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CRU5INTHT2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-CRU5INTHT2	40 CFR Part 60, Subpart J	No changing attributes.
CRU5INTHT2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CRU5INTHT3	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-CRU5INTHT3	40 CFR Part 60, Subpart J	No changing attributes.
CRU5INTHT3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CRU5PLATHT	FCCU CAT REGEN/FUEL	N/A	60J-	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
	GAS COMBUSTION/CLAUS SRU		CRU5PLATHT		
CRU5PLATHT	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
DCU2ENG3102	SRIC ENGINES	N/A	60IIII-02	40 CFR Part 60, Subpart IIII	No changing attributes.
DCU2ENG3102	SRIC ENGINES	N/A	63ZZZZ-03	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
DCU2ENG3124	SRIC ENGINES	N/A	60IIII-02	40 CFR Part 60, Subpart IIII	No changing attributes.
DCU2ENG3124	SRIC ENGINES	N/A	63ZZZZ-03	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
DCU2FE	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-DCU2FE	40 CFR Part 63, Subpart CC	No changing attributes.
ECRU4	FLARES	N/A	R1111-ECRU4	30 TAC Chapter 111, Visible Emissions	No changing attributes.
ECRU4	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
ECRU4	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
ECRU4	FLARES	N/A	63CCFL-60+	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
ECRU4	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EDCU1	FLARES	N/A	R1111-EDCU1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EDCU1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
EDCU1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
EDCU1	FLARES	N/A	63CCFL-60+	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
EDCU1	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
EDCU2	FLARES	N/A	R1111-EDCU2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EDCU2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
EDCU2	FLARES	N/A	63CCFL-60+	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
EDCU2	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
EFCCU	FLARES	N/A	R1111-EFCCU	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EFCCU	FCCU CAT REGEN/FUEL	N/A	60Ja-1	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				
EFCCU	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
EFCCU	FLARES	N/A	63CCFL-60+	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
EFCCU	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
EFCCU1&2	FLARES	N/A	R1111- EFCCU1&2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EFCCU1&2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
EFCCU1&2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
EFCCU1&2	FLARES	N/A	63CCFL-60+	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
EFCCU1&2	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
EHCU	FLARES	N/A	R1111-EHCU	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EHCUC	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
EHCUC	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
EHCUC	FLARES	N/A	63CCFL-60+	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
EHCUC	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
EHCUC2	FLARES	N/A	R1111-EHCUC2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EHCUC2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
EHCUC2	FLARES	N/A	63CCFL-60+	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
EHCUC2	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
EHTUC	FLARES	N/A	R1111-EHTUC	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EHTUC	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-1	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
EHTU	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
EHTU	FLARES	N/A	63CCFL-60+	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
EHTU	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
EMERGEN	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ESBU2	FLARES	N/A	R1111-ESBU2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
ESBU2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
ESBU2	FLARES	N/A	63CCFL-60+	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
ESBU2	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
EVPS4	FLARES	N/A	R1111-EVPS4	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EVPS4	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
EVPS4	FCCU CAT REGEN/FUEL	N/A	63CC-01	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
	GAS COMBUSTION/CLAUS SRU				
EVPS4	FLARES	N/A	63CCFL-60+	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
EVPS4	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
EVPS5	FLARES	N/A	R1111-EVPS5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EVPS5	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
EVPS5	FLARES	N/A	63CCFL-60+	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
EVPS5	FLARES	N/A	63CCFL-60-	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
FCCU3	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-01	40 CFR Part 63, Subpart UUU	No changing attributes.
FCCU3CHGHT	PROCESS HEATERS/FURNACES	N/A	R7110-6a	30 TAC Chapter 117, Subchapter B	No changing attributes.
FCCU3CHGHT	PROCESS HEATERS/FURNACES	N/A	63DDDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
FK33PH	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FK33PH	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
FKCRU4	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKCRU4	40 CFR Part 63, Subpart CC	No changing attributes.
FKDCU1	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKDCU1	40 CFR Part 63, Subpart CC	No changing attributes.
FKFCCU1/2	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKFCCU1/2	40 CFR Part 63, Subpart CC	No changing attributes.
FKFCCU3	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKFCCU3	40 CFR Part 63, Subpart CC	No changing attributes.
FKHTU1&2	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKHTU1&2	40 CFR Part 63, Subpart CC	No changing attributes.
FKHTU3	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKHTU3	40 CFR Part 63, Subpart CC	No changing attributes.
FKHTU5	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKHTU5	40 CFR Part 63, Subpart CC	No changing attributes.
FKMPU3	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKMPU3	40 CFR Part 63, Subpart CC	No changing attributes.
FKMPU4	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKMPU4	40 CFR Part 63, Subpart CC	No changing attributes.
FKVPS2	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKVPS2	40 CFR Part 63, Subpart CC	No changing attributes.
FKVPS4	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-FKVPS4	40 CFR Part 63, Subpart CC	No changing attributes.
GEN9697	SRIC ENGINES	N/A	63ZZZZ-E02+100- ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPEMG755	SRIC ENGINES	EQ16382, EQ16383	60IIII-E07-560+	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPEMG755	SRIC ENGINES	EQ16382, EQ16383	63ZZZZ- E06+500+	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
GRPENG02-	SRIC ENGINES	PU6258, PU9025	63ZZZZ-E02-250-	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPENG92-	SRIC ENGINES	PU8942, PU8946, PU8949, PU9021, PU9023	R7100-92-DSL	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRPENG92-	SRIC ENGINES	PU8942, PU8946, PU8949, PU9021, PU9023	63ZZZZ-E02-500-	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPFUELJ	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	CRU4INTHT1, CRU4INTHT2, CRU4NHTCHT, CRU4PLATHT, CRU4SRBL, HCU1RAC2HT, HTU 3 RBL, HTU3CHGHTR, LCDU C HTR, LCDU R HTR, MPU3EXTHTR, MPU4EXTHTR, MPU4ROHTR, SCDHDS1, SCDHYDRO/SCH, SDCU1-1, SDCU1- 2, SHCU1-5, SHTU4-1, SHTU4-2, SHTU4-3, SHTU4-4, SMPU4C, SPS3-4, SPS3-5	60J	40 CFR Part 60, Subpart J	No changing attributes.
GRPFWP	SRIC ENGINES	PU10129, PU11026	60III-F08-368-	40 CFR Part 60, Subpart III	No changing attributes.
GRPFWP	SRIC ENGINES	PU10129, PU11026	63ZZZZ-E06+500-	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
GRPSWENG1	SRIC ENGINES	815PU13636, 815PU13637, 815PU13641, 815PU13643, 815PU13644, 815PU13655, 815PU13664, 815PU13665	60III-N11-130-	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPSWENG1	SRIC ENGINES	815PU13636, 815PU13637, 815PU13641, 815PU13643, 815PU13644, 815PU13655, 815PU13664, 815PU13665	63ZZZZ-N06+250-	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPSWENG2	SRIC ENGINES	815PU13638, 815PU13639, 815PU13642, 815PU13645, 815PU13646, 815PU13651, 815PU13652, 815PU13656, 815PU13657	60III-N10-368-	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPSWENG2	SRIC ENGINES	815PU13638, 815PU13639, 815PU13642, 815PU13645, 815PU13646, 815PU13651, 815PU13652, 815PU13656,	63ZZZZ-N06+500-	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
		815PU13657			
GRPSWENG3	SRIC ENGINES	815PU13658, 815PU13659, 815PU13666	60III-N11-75-	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPSWENG3	SRIC ENGINES	815PU13658, 815PU13659, 815PU13666	63ZZZZ-N06+100-	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GT 35	STATIONARY TURBINES	N/A	60GG	40 CFR Part 60, Subpart GG	No changing attributes.
GTG41	STATIONARY TURBINES	N/A	60KKKK-GTG41	40 CFR Part 60, Subpart KKKK	No changing attributes.
GTG41	STATIONARY TURBINES	N/A	63YYYY-GTG41	40 CFR Part 63, Subpart YYYY	No changing attributes.
GTG42	STATIONARY TURBINES	N/A	60KKKK-GTG42	40 CFR Part 60, Subpart KKKK	No changing attributes.
GTG42	STATIONARY TURBINES	N/A	63YYYY-GTG42	40 CFR Part 63, Subpart YYYY	No changing attributes.
GTG43	STATIONARY TURBINES	N/A	60KKKK-GTG43	40 CFR Part 60, Subpart KKKK	No changing attributes.
GTG43	STATIONARY TURBINES	N/A	63YYYY-GTG43	40 CFR Part 63, Subpart YYYY	No changing attributes.
GTG44	STATIONARY TURBINES	N/A	60KKKK-GTG44	40 CFR Part 60, Subpart KKKK	No changing attributes.
GTG44	STATIONARY TURBINES	N/A	63YYYY-GTG44	40 CFR Part 63, Subpart YYYY	No changing attributes.
HCU1FRCRBL	PROCESS HEATERS/FURNACES	N/A	R7110-1b	30 TAC Chapter 117, Subchapter B	No changing attributes.
HCU1FRCRBL	PROCESS HEATERS/FURNACES	N/A	63DDDDD	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
HCU1PFRBL	PROCESS HEATERS/FURNACES	N/A	R7110-1b	30 TAC Chapter 117, Subchapter B	No changing attributes.
HCU1PFRBL	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HCU1RAC1HT	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
HCU1RAC1HT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
HCU1RAC1HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HCU1RAC2HT	PROCESS HEATERS/FURNACES	N/A	R7110-1b	30 TAC Chapter 117, Subchapter B	No changing attributes.
HCU1RAC2HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HCU2DHTH1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-HCU2DHTH1	40 CFR Part 60, Subpart J	No changing attributes.
HCU2DHTH1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HCU2H1A	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-HCU2H1A	40 CFR Part 60, Subpart J	No changing attributes.
HCU2H1A	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HCU2H1B	FCCU CAT REGEN/FUEL	N/A	60J-HCU2H1B	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
	GAS COMBUSTION/CLAUS SRU				
HCU2H1B	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HCU2H2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-HCU2H2	40 CFR Part 60, Subpart J	No changing attributes.
HCU2H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HRSG41	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-HRSG41	40 CFR Part 60, Subpart J	No changing attributes.
HRSG42	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-HRSG42	40 CFR Part 60, Subpart J	No changing attributes.
HRSG43	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-HRSG43	40 CFR Part 60, Subpart J	No changing attributes.
HRSG44	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-HRSG44	40 CFR Part 60, Subpart J	No changing attributes.
HTU 3 RBL	PROCESS HEATERS/FURNACES	N/A	R7110-1b	30 TAC Chapter 117, Subchapter B	No changing attributes.
HTU 3 RBL	PROCESS	N/A	63DDDDD	40 CFR Part 63, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	HEATERS/FURNACES			DDDDD	
HTU2CHGHTR	PROCESS HEATERS/FURNACES	N/A	R7110-1b	30 TAC Chapter 117, Subchapter B	No changing attributes.
HTU2CHGHTR	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HTU2RBL	PROCESS HEATERS/FURNACES	N/A	R7110-1b	30 TAC Chapter 117, Subchapter B	No changing attributes.
HTU2RBL	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HTU3CHGHTR	PROCESS HEATERS/FURNACES	N/A	R7110-1b	30 TAC Chapter 117, Subchapter B	No changing attributes.
HTU3CHGHTR	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HTU6CHGH1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-HTU6CHGH1	40 CFR Part 60, Subpart J	No changing attributes.
HTU6CHGH1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
HTU6CHGH2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-HTU6CHGH2	40 CFR Part 60, Subpart J	No changing attributes.
HTU6CHGH2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
LCDU C HTR	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
LCDU C HTR	PROCESS	N/A	63DDDDD	40 CFR Part 63, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	HEATERS/FURNACES			DDDDD	
LCDU R HTR	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
LR NO 39 FE	LOADING/UNLOADING OPERATIONS	N/A	R5217-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LR NO 4 FE	LOADING/UNLOADING OPERATIONS	N/A	R5212	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LR NO 42 FE	LOADING/UNLOADING OPERATIONS	N/A	R5217-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
MPU3EXTHTR	PROCESS HEATERS/FURNACES	N/A	R7110-6a	30 TAC Chapter 117, Subchapter B	No changing attributes.
MPU3EXTHTR	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
MPU3ROHTR	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
MPU3ROHTR	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
MPU4EXTHTR	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
MPU4ROHTR	PROCESS HEATERS/FURNACES	N/A	R7110-1b	30 TAC Chapter 117, Subchapter B	No changing attributes.
MPU4ROHTR	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
NHTU2CHT	FCCU CAT REGEN/FUEL GAS	N/A	60J-NHTU2CHT	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				
NHTU2CHT	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
NHTU2SPLT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-NHTU2SPLT	40 CFR Part 60, Subpart J	No changing attributes.
NHTU2SPLT	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
NHTU2STRP	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-NHTU2STRP	40 CFR Part 60, Subpart J	No changing attributes.
NHTU2STRP	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
PAINT	SURFACE COATING OPERATIONS	N/A	R5420-PAINT	30 TAC Chapter 115, Surface Coating Operations	No changing attributes.
PARFUG	FUGITIVE EMISSION UNITS	N/A	REG V	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
PARFUG	FUGITIVE EMISSION UNITS	N/A	GGG	40 CFR Part 60, Subpart GGG	No changing attributes.
PARFUG	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	COMPLY WITH §60.482-8 = YES, EQUIVALENT EMISSION LIMIT = NO, COMPLY WITH §60.482-3 = YES, COMPLY WITH §60.482-7 = YES, EQUIVALENT EMISSION LIMIT = NO, PRD LIGHT LIQUID SERVICE = YES, COMPLY WITH §60.482-5 = YES, OPEN-END

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					VALVE OR LINE = YES, EQUIVALENT EMISSION LIMIT = NO, COMPLY WITH §60.482-6 = YES, GAS/VPR OR LITE LIQ SERV = YES, EQUIVALENT EMISSION LIMIT = NO, CLOSED VENT SYSTEMS = Closed-vent (or vapor collection) system complying with NSPS VV, ENC COMBUSTION DEVICE = YES, COMPLY WITH §60.482-10 = YES, FLARE = YES, EQUIVALENT EMISSION LIMIT = NO, COMPLY WITH §60.482-10 = YES, EQUIVALENT EMISSION LIMIT = NO, COMPLY WITH §60.482-2 = YES, HEAVY LIQUID SERVICE = YES, SAMPLE CONNECT SYS = YES, EQUIVALENT EMISSION LIMIT = NO, Control Device Type = Flare, PRD HEAVY LIQ SERVICE = YES, Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used, EQUIVALENT EMISSION LIMIT = NO, VACUUM SERVICE = YES, LIGHT LIQUID SERVICE = YES, EQUIVALENT EMISSION LIMIT = NO, COMPLY WITH §60.482-10 = YES, EQUIVALENT EMISSION LIMIT = NO
PARFUG	FUGITIVE EMISSION UNITS	N/A	63CC-648j5	40 CFR Part 63, Subpart CC	PRD LIGHT LIQUID SERVICE = YES, 63.684(j)(5) Exemptions = The

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					pressure relief device meets a 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)
PARFUG	FUGITIVE EMISSION UNITS	N/A	63CC-BELF	40 CFR Part 63, Subpart CC	PRD LIGHT LIQUID SERVICE = NO, 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), Control Device Type = Flare, Continuous Operating Parameter Alternative = An approved alternative to the continuous operating parameter provisions of § 63.655(i) is not used
PARFUG	FUGITIVE EMISSION UNITS	N/A	63CC-BELFGR	40 CFR Part 63, Subpart CC	PRD LIGHT LIQUID SERVICE = NO, 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

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					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
PARFUG	FUGITIVE EMISSION UNITS	N/A	63CC-BELPRO	40 CFR Part 63, Subpart CC	PRD LIGHT LIQUID SERVICE = YES, 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, 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)
PARFUG	FUGITIVE EMISSION UNITS	N/A	63CC-OTH	40 CFR Part 63, Subpart CC	PRD LIGHT LIQUID SERVICE = YES, 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

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					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)
PARFUG	FUGITIVE EMISSION UNITS	N/A	63CC-PILPRO	40 CFR Part 63, Subpart CC	PRD LIGHT LIQUID SERVICE = YES, 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 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)
PARFUG	FUGITIVE EMISSION UNITS	N/A	63CC-PRO	40 CFR Part 63, Subpart CC	PRD LIGHT LIQUID 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

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					process, 63.684(j)(5) Exemptions = The pressure relief device does not meet any condition in § 63.648(j)(5)(ii)-(vi)
PARFUG	FUGITIVE EMISSION UNITS	N/A	63CC_PILF	40 CFR Part 63, Subpart CC	PRD LIGHT LIQUID SERVICE = NO, 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
PARFUG	FUGITIVE EMISSION UNITS	N/A	63CC_PILFGR	40 CFR Part 63, Subpart CC	PRD LIGHT LIQUID SERVICE = NO, 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
PORTPE7308	SRIC ENGINES	N/A	60III-N12-56-	40 CFR Part 60, Subpart IIII	No changing attributes.
PORTPE7308	SRIC ENGINES	N/A	63ZZZZ-N06+100- ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PRO SRU 4	GAS	N/A	R112-01	30 TAC Chapter 112, Sulfur	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	SWEETENING/SULFUR RECOVERY UNITS			Compounds	
PRO SRU 4	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-02	40 CFR Part 60, Subpart J	No changing attributes.
PRO SRU 4	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-03	40 CFR Part 63, Subpart UUU	No changing attributes.
PRO SRU 5-1	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	112SRU5-1	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
PRO SRU 6-1	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	112SRU6-1	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
PRO SRU 7-1	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	112SRU7-1	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
PRO SRU2&3	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	R112-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
PS3 RACK	LOADING/UNLOADING OPERATIONS	N/A	R5217-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
PU10812	SRIC ENGINES	N/A	60IIII-F08-450-	40 CFR Part 60, Subpart IIII	No changing attributes.
PU10812	SRIC ENGINES	N/A	63ZZZZ- E06+500+	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PU8940	SRIC ENGINES	N/A	60IIII-E10-368-	40 CFR Part 60, Subpart IIII	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PU8940	SRIC ENGINES	N/A	63ZZZZ-E06+300- ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
RESENG1008	SRIC ENGINES	N/A	60III-02	40 CFR Part 60, Subpart III	No changing attributes.
RESENG1008	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
RESENG2005	SRIC ENGINES	N/A	60III-03	40 CFR Part 60, Subpart III	No changing attributes.
RESENG2005	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
SCDHDS1	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
SCDHDS1	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SCDHYDRO/SCH	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
SCDHYDRO/SCH	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SCHCU2-5	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-SCHCU2-5	40 CFR Part 60, Subpart J	No changing attributes.
SCHCU2-5	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SCRU4-2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-02	40 CFR Part 63, Subpart UUU	No changing attributes.
SCRU5-1	EMISSION POINTS/STATIONARY	N/A	R1111-SCRU5-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
SCRU5-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-SCRU5-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SCRU5-3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-SCRU5-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SCRU5-3	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-SCRU5-3	40 CFR Part 63, Subpart UUU	No changing attributes.
SDCU1-1	PROCESS HEATERS/FURNACES	N/A	R7110-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
SDCU1-1	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SDCU1-2	PROCESS HEATERS/FURNACES	N/A	R7110-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
SDCU1-2	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SDCU2-1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-SDCU2-1	40 CFR Part 60, Subpart J	No changing attributes.
SDCU2-1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SDCU2-2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-SDCU2-2	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
SDCU2-2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SDCU2-3	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-SDCU2-3	40 CFR Part 60, Subpart J	No changing attributes.
SDCU2-3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SFCCU3-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SFCCU3-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R115	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
SHCU1-5	PROCESS HEATERS/FURNACES	N/A	R7110-1b	30 TAC Chapter 117, Subchapter B	No changing attributes.
SHCU1-5	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SHCU2-5	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-SHCU2-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SHTU3-3	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SHTU4-1	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SHTU4-2	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SHTU4-3	PROCESS HEATERS/FURNACES	N/A	63DDDDD	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
SHTU4-4	PROCESS HEATERS/FURNACES	N/A	R7110-6a	30 TAC Chapter 117, Subchapter B	No changing attributes.
SHTU4-4	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SHTU5	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
SHTU5	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SMPU4C	PROCESS HEATERS/FURNACES	N/A	R7110-6a	30 TAC Chapter 117, Subchapter B	No changing attributes.
SMPU4C	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SNHTU2-3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-SNHTU2-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SPS3-4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SPS3-4	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	REG2-2	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
SPS3-4	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R7105-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
SPS3-4	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60D-001	40 CFR Part 60, Subpart D	No changing attributes.
SPS3-4	BOILERS/STEAM GENERATORS/STEAM	N/A	63DDDDD	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
	GENERATING UNITS				
SPS3-5	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SPS3-5	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	REG2-2	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
SPS3-5	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R7105-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
SPS3-5	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60D-002	40 CFR Part 60, Subpart D	No changing attributes.
SPS3-5	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SPS3-9	SRIC ENGINES	N/A	R117	30 TAC Chapter 117, Subchapter B	No changing attributes.
SPS3-9	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
SPS4-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-SPS4-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SPS4-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-SPS4-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SPS4-3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-SPS4-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
SPS4-4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-SPS4-4	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SRU2&3	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-03	40 CFR Part 63, Subpart UUU	No changing attributes.
SRU5	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-SRU5	40 CFR Part 60, Subpart J	No changing attributes.
SRU5	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-03	40 CFR Part 63, Subpart UUU	No changing attributes.
SRU6	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-SRU6	40 CFR Part 60, Subpart J	No changing attributes.
SRU6	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-03	40 CFR Part 63, Subpart UUU	No changing attributes.
SRU7	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-SRU7	40 CFR Part 60, Subpart J	No changing attributes.
SRU7	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-03	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
STGTU1-1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-03	40 CFR Part 60, Subpart J	No changing attributes.
STGTU1-2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
STGTU1-2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
STGTU2-1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-03	40 CFR Part 60, Subpart J	No changing attributes.
STGTU2-2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J	40 CFR Part 60, Subpart J	No changing attributes.
STGTU2-2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
STGTU5-1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-STGTU5-1	40 CFR Part 60, Subpart J	No changing attributes.
STGTU6-1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-STGTU6-1	40 CFR Part 60, Subpart J	No changing attributes.
STGTU7-1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS	N/A	60J-STGTU7-1	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				
SVPS5-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-SVPS5-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SVPS5-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-SVPS5-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SWENG0002	SRIC ENGINES	N/A	60IIII-04	40 CFR Part 60, Subpart IIII	No changing attributes.
SWENG0002	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
SWENG2001	SRIC ENGINES	N/A	60IIII-05	40 CFR Part 60, Subpart IIII	No changing attributes.
SWENG2001	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
SWENG9003	SRIC ENGINES	N/A	60IIII-06	40 CFR Part 60, Subpart IIII	No changing attributes.
SWENG9003	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
SWENG9012	SRIC ENGINES	N/A	60IIII-07	40 CFR Part 60, Subpart IIII	No changing attributes.
SWENG9012	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
TK 1908	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 1937	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 1937	STORAGE TANKS/VESSELS	N/A	63CC-TK1937	40 CFR Part 63, Subpart CC	No changing attributes.
TK 1938	STORAGE TANKS/VESSELS	N/A	R5111	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
TK 1938	STORAGE TANKS/VESSELS	N/A	61FF-TK1938	40 CFR Part 61, Subpart FF	No changing attributes.
TK 1938	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK 1939	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 1939	STORAGE TANKS/VESSELS	N/A	61FF-TK1939	40 CFR Part 61, Subpart FF	No changing attributes.
TK 1939	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK 2067	STORAGE TANKS/VESSELS	N/A	R5112-TK2067	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2067	STORAGE TANKS/VESSELS	N/A	63CC-TK2067	40 CFR Part 63, Subpart CC	No changing attributes.
TK 2068	STORAGE TANKS/VESSELS	N/A	R5112-TK2068	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2068	STORAGE TANKS/VESSELS	N/A	63CC-TK2068	40 CFR Part 63, Subpart CC	No changing attributes.
TK 2069	STORAGE TANKS/VESSELS	N/A	R5112-TK2069	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2069	STORAGE TANKS/VESSELS	N/A	63CC-TK2069	40 CFR Part 63, Subpart CC	No changing attributes.
TK 2073	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2073	STORAGE TANKS/VESSELS	N/A	60QQQ-TK2073	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK 2074	STORAGE TANKS/VESSELS	N/A	R5111	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
TK 2074	STORAGE TANKS/VESSELS	N/A	60QQQ-TK2074	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK 2075	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2075	STORAGE TANKS/VESSELS	N/A	60QQQ-TK2075	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK 2075	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK 2076	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2076	STORAGE TANKS/VESSELS	N/A	60QQQ-TK2076	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK 2076	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK 2077	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2077	STORAGE TANKS/VESSELS	N/A	60QQQ-TK2077	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK 2077	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK 2078	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2078	STORAGE TANKS/VESSELS	N/A	60QQQ-TK2078	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK 2078	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK 2085	STORAGE TANKS/VESSELS	N/A	R5111	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
TK 2085	STORAGE TANKS/VESSELS	N/A	60QQQ-TK2085	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK 2093	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2093	STORAGE TANKS/VESSELS	N/A	63CC-TK2093	40 CFR Part 63, Subpart CC	No changing attributes.
TK 2094	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2094	STORAGE TANKS/VESSELS	N/A	63CC-TK2094	40 CFR Part 63, Subpart CC	No changing attributes.
TK 2096	STORAGE TANKS/VESSELS	N/A	R5112-TK2096	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2096	STORAGE TANKS/VESSELS	N/A	63CC-TK2096	40 CFR Part 63, Subpart CC	No changing attributes.
TK 2097	STORAGE TANKS/VESSELS	N/A	R5112-TK2097	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2097	STORAGE TANKS/VESSELS	N/A	63CC-TK2097	40 CFR Part 63, Subpart CC	No changing attributes.
TK 2111	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2111	STORAGE TANKS/VESSELS	N/A	63EEEE-05	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK 2113	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2115	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2120	STORAGE TANKS/VESSELS	N/A	R5111	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
TK 2120	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK 2121	STORAGE TANKS/VESSELS	N/A	R5111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK 2121	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK00001	STORAGE TANKS/VESSELS	N/A	R5112-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK00003	STORAGE TANKS/VESSELS	N/A	R5112-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK00004	STORAGE TANKS/VESSELS	N/A	R5112-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK00013	STORAGE TANKS/VESSELS	N/A	R5112-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01247	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01247	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01248	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01248	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01250	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01250	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01251	STORAGE TANKS/VESSELS	N/A	R5112-01	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
TK01251	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01252	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01252	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01254	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01254	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01415	STORAGE TANKS/VESSELS	N/A	R5112-02	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01415	STORAGE TANKS/VESSELS	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
TK01475	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01475	STORAGE TANKS/VESSELS	N/A	63CC-2	40 CFR Part 63, Subpart CC	No changing attributes.
TK01490	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01490	STORAGE TANKS/VESSELS	N/A	63CC-2	40 CFR Part 63, Subpart CC	No changing attributes.
TK01506	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01506	STORAGE TANKS/VESSELS	N/A	63EEEE-06	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01507	STORAGE TANKS/VESSELS	N/A	R5111-a1	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
TK01507	STORAGE TANKS/VESSELS	N/A	63EEEE-06	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01508	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01508	STORAGE TANKS/VESSELS	N/A	63EEEE-06	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01509	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01509	STORAGE TANKS/VESSELS	N/A	63EEEE-06	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01510	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01510	STORAGE TANKS/VESSELS	N/A	63CC-2	40 CFR Part 63, Subpart CC	No changing attributes.
TK01511	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01511	STORAGE TANKS/VESSELS	N/A	63CC-2	40 CFR Part 63, Subpart CC	No changing attributes.
TK01524	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01524	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01525	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01525	STORAGE TANKS/VESSELS	N/A	63CC-2	40 CFR Part 63, Subpart CC	No changing attributes.
TK01526	STORAGE TANKS/VESSELS	N/A	R5111-a1	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
TK01526	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01530	STORAGE TANKS/VESSELS	N/A	R5112-04	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01530	STORAGE TANKS/VESSELS	N/A	61FF-05	40 CFR Part 61, Subpart FF	No changing attributes.
TK01530	STORAGE TANKS/VESSELS	N/A	63EEEE-01	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01552	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01552	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01553	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01553	STORAGE TANKS/VESSELS	N/A	63CC-2	40 CFR Part 63, Subpart CC	No changing attributes.
TK01600	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01600	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01601	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01601	STORAGE TANKS/VESSELS	N/A	60Kb-01	40 CFR Part 60, Subpart Kb	No changing attributes.
TK01601	STORAGE TANKS/VESSELS	N/A	63CC-04	40 CFR Part 63, Subpart CC	No changing attributes.
TK01617	STORAGE TANKS/VESSELS	N/A	R5111-a1	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
TK01617	STORAGE TANKS/VESSELS	N/A	63EEEE-02	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01645	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01650	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01650	STORAGE TANKS/VESSELS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
TK01651	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01651	STORAGE TANKS/VESSELS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
TK01663	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01663	STORAGE TANKS/VESSELS	N/A	60K-01	40 CFR Part 60, Subpart K	No changing attributes.
TK01663	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01671	STORAGE TANKS/VESSELS	N/A	R5112-02	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01671	STORAGE TANKS/VESSELS	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
TK01672	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01672	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01679	STORAGE TANKS/VESSELS	N/A	R5111-a1	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
TK01679	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01691	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01691	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01697	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01697	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01698	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01698	STORAGE TANKS/VESSELS	N/A	60K	40 CFR Part 60, Subpart K	No changing attributes.
TK01698	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01699	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01699	STORAGE TANKS/VESSELS	N/A	60K	40 CFR Part 60, Subpart K	No changing attributes.
TK01699	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01719	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01719	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01728	STORAGE TANKS/VESSELS	N/A	R5111-a1(2)	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
TK01728	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01740	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01740	STORAGE TANKS/VESSELS	N/A	61FF-03	40 CFR Part 61, Subpart FF	No changing attributes.
TK01740	STORAGE TANKS/VESSELS	N/A	63EEEE-02	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01741	STORAGE TANKS/VESSELS	N/A	R5112-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01741	STORAGE TANKS/VESSELS	N/A	61FF-03	40 CFR Part 61, Subpart FF	No changing attributes.
TK01741	STORAGE TANKS/VESSELS	N/A	63EEEE-02	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01767	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01767	STORAGE TANKS/VESSELS	N/A	60Kb-01	40 CFR Part 60, Subpart Kb	No changing attributes.
TK01767	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01768	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01768	STORAGE TANKS/VESSELS	N/A	60Ka	40 CFR Part 60, Subpart Ka	No changing attributes.
TK01768	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK01775	STORAGE TANKS/VESSELS	N/A	R5112-03	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
TK01775	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
TK01775	STORAGE TANKS/VESSELS	N/A	63CC-04	40 CFR Part 63, Subpart CC	No changing attributes.
TK01787	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01787	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
TK01787	STORAGE TANKS/VESSELS	N/A	63CC-4	40 CFR Part 63, Subpart CC	No changing attributes.
TK01803	STORAGE TANKS/VESSELS	N/A	R5112-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01803	STORAGE TANKS/VESSELS	N/A	60QQQ-01	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01803	STORAGE TANKS/VESSELS	N/A	61FF-03	40 CFR Part 61, Subpart FF	No changing attributes.
TK01803	STORAGE TANKS/VESSELS	N/A	63EEEE-02	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01804	STORAGE TANKS/VESSELS	N/A	R5112-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01804	STORAGE TANKS/VESSELS	N/A	60QQQ-01	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01804	STORAGE TANKS/VESSELS	N/A	61FF-03	40 CFR Part 61, Subpart FF	No changing attributes.
TK01804	STORAGE TANKS/VESSELS	N/A	63EEEE-02	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01805	STORAGE TANKS/VESSELS	N/A	R5111-a1	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
TK01805	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01806	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01806	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01833	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01838	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01850	STORAGE TANKS/VESSELS	N/A	R5112-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01850	STORAGE TANKS/VESSELS	N/A	63EEEE-02	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01853	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01853	STORAGE TANKS/VESSELS	N/A	60QQQ-02	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01853	STORAGE TANKS/VESSELS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
TK01854	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01854	STORAGE TANKS/VESSELS	N/A	60QQQ-02	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01854	STORAGE TANKS/VESSELS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
TK01865	STORAGE TANKS/VESSELS	N/A	R5111-a1	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
TK01865	STORAGE TANKS/VESSELS	N/A	60QQQ-02	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01865	STORAGE TANKS/VESSELS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
TK01866	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01866	STORAGE TANKS/VESSELS	N/A	60QQQ-02	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01866	STORAGE TANKS/VESSELS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
TK01869	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01869	STORAGE TANKS/VESSELS	N/A	60QQQ-02	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01869	STORAGE TANKS/VESSELS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
TK01870	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01870	STORAGE TANKS/VESSELS	N/A	60QQQ-02	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01870	STORAGE TANKS/VESSELS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
TK01873	STORAGE TANKS/VESSELS	N/A	63EEEE-02	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01876	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01876	STORAGE TANKS/VESSELS	N/A	60QQQ-02	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
TK01876	STORAGE TANKS/VESSELS	N/A	61FF-04	40 CFR Part 61, Subpart FF	No changing attributes.
TK01877	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01877	STORAGE TANKS/VESSELS	N/A	60QQQ-02	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01877	STORAGE TANKS/VESSELS	N/A	61FF-04	40 CFR Part 61, Subpart FF	No changing attributes.
TK01884	STORAGE TANKS/VESSELS	N/A	R5112-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01884	STORAGE TANKS/VESSELS	N/A	63EEEE-02	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01885	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01885	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
TK01885	STORAGE TANKS/VESSELS	N/A	63CC-4	40 CFR Part 63, Subpart CC	No changing attributes.
TK01886	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01886	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
TK01886	STORAGE TANKS/VESSELS	N/A	63CC-4	40 CFR Part 63, Subpart CC	No changing attributes.
TK01893	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01893	STORAGE TANKS/VESSELS	N/A	63CC-01	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
TK01894	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01894	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01895	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01895	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
TK01895	STORAGE TANKS/VESSELS	N/A	63CC-4	40 CFR Part 63, Subpart CC	No changing attributes.
TK01900	STORAGE TANKS/VESSELS	N/A	R5112-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01900	STORAGE TANKS/VESSELS	N/A	60QQQ-01	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01900	STORAGE TANKS/VESSELS	N/A	61FF-05	40 CFR Part 61, Subpart FF	No changing attributes.
TK01900	STORAGE TANKS/VESSELS	N/A	63EEEE-02	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK01904	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01904	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
TK01904	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01913	STORAGE TANKS/VESSELS	N/A	R15112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01913	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TK01913	STORAGE TANKS/VESSELS	N/A	63CC-4	40 CFR Part 63, Subpart CC	No changing attributes.
TK01920	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01920	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
TK01920	STORAGE TANKS/VESSELS	N/A	63CC-4	40 CFR Part 63, Subpart CC	No changing attributes.
TK01921	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01922	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01932	STORAGE TANKS/VESSELS	N/A	R15111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01932	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01933	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01933	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01934	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01934	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK01942	STORAGE TANKS/VESSELS	N/A	R5112-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01942	STORAGE TANKS/VESSELS	N/A	63CC-01	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
TK01943	STORAGE TANKS/VESSELS	N/A	R5112-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01945	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK01945	STORAGE TANKS/VESSELS	N/A	60QQQ-01	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK01945	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK02034	STORAGE TANKS/VESSELS	N/A	R5112-02	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02035	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02035	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK02041	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02041	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK02110	STORAGE TANKS/VESSELS	N/A	R5111-a1(2)	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02122	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02122	STORAGE TANKS/VESSELS	N/A	60QQQ-02	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK02122	STORAGE TANKS/VESSELS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
TK02122	STORAGE TANKS/VESSELS	N/A	63CC-04	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
TK02125	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02126	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02127	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02127	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK02137	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK02139	STORAGE TANKS/VESSELS	N/A	R5112-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02139	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK02140	STORAGE TANKS/VESSELS	N/A	R5112-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02140	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK02141	STORAGE TANKS/VESSELS	N/A	R5112-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02141	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK02145	STORAGE TANKS/VESSELS	N/A	R5112-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02145	STORAGE TANKS/VESSELS	N/A	60Kb-01	40 CFR Part 60, Subpart Kb	No changing attributes.
TK02145	STORAGE TANKS/VESSELS	N/A	63CC-04	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
TK02148	STORAGE TANKS/VESSELS	N/A	R5112-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK02148	STORAGE TANKS/VESSELS	N/A	60QQQ-01	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK02148	STORAGE TANKS/VESSELS	N/A	61FF-05	40 CFR Part 61, Subpart FF	No changing attributes.
TK02148	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK08328	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK08328	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK08329	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK08329	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK08330	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK08330	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK08331	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK08331	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK1930	STORAGE TANKS/VESSELS	N/A	R5112-01	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK1930	STORAGE TANKS/VESSELS	N/A	60Kb-01	40 CFR Part 60, Subpart Kb	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TK1930	STORAGE TANKS/VESSELS	N/A	60QQQ-01	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK1930	STORAGE TANKS/VESSELS	N/A	61FF-01	40 CFR Part 61, Subpart FF	No changing attributes.
TK2040	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK2040	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK21657	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK21657	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK21774	STORAGE TANKS/VESSELS	N/A	R5111-a1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK21774	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TK32451	STORAGE TANKS/VESSELS	N/A	R5112-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK32451	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK35142	STORAGE TANKS/VESSELS	N/A	R5112-04	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK35142	STORAGE TANKS/VESSELS	N/A	60Kb-04	40 CFR Part 60, Subpart Kb	No changing attributes.
TK35142	STORAGE TANKS/VESSELS	N/A	60QQQ-03	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK35143	STORAGE TANKS/VESSELS	N/A	R5112-04	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
TK35143	STORAGE TANKS/VESSELS	N/A	60Kb-04	40 CFR Part 60, Subpart Kb	No changing attributes.
TK35143	STORAGE TANKS/VESSELS	N/A	60QQQ-04	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK38568	STORAGE TANKS/VESSELS	N/A	R5111-A1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK38568	STORAGE TANKS/VESSELS	N/A	60KB-01	40 CFR Part 60, Subpart Kb	No changing attributes.
TK38568	STORAGE TANKS/VESSELS	N/A	60QQQ-01	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK38568	STORAGE TANKS/VESSELS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
TK38568	STORAGE TANKS/VESSELS	N/A	63CC-03	40 CFR Part 63, Subpart CC	No changing attributes.
TK38624	STORAGE TANKS/VESSELS	N/A	R5112-08	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK38624	STORAGE TANKS/VESSELS	N/A	60QQQ-01	40 CFR Part 60, Subpart QQQ	No changing attributes.
TK38624	STORAGE TANKS/VESSELS	N/A	61FF-01	40 CFR Part 61, Subpart FF	No changing attributes.
TK38624	STORAGE TANKS/VESSELS	N/A	63EEEE-04	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK38630	STORAGE TANKS/VESSELS	N/A	R5112-04	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK38630	STORAGE TANKS/VESSELS	N/A	63EEEE-03	40 CFR Part 63, Subpart EEEE	No changing attributes.
TK38650	STORAGE TANKS/VESSELS	N/A	R5112-06	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
TK38650	STORAGE TANKS/VESSELS	N/A	63CC-Kb	40 CFR Part 63, Subpart CC	No changing attributes.
TK38660	STORAGE TANKS/VESSELS	N/A	R5112-06	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK38660	STORAGE TANKS/VESSELS	N/A	63CC-Kb	40 CFR Part 63, Subpart CC	No changing attributes.
VDCU1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
VDCU2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63CC-03	40 CFR Part 63, Subpart CC	No changing attributes.
VPS2ATM1HT	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
VPS2ATM1HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS2ATM2HT	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
VPS2ATM2HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS2ATM3HT	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
VPS2ATM3HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS2ATM4HT	PROCESS HEATERS/FURNACES	N/A	R7110-1b	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
VPS2ATM4HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS2VAC1HT	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
VPS2VAC1HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS2VAC2HT	PROCESS HEATERS/FURNACES	N/A	R7110-1a	30 TAC Chapter 117, Subchapter B	No changing attributes.
VPS2VAC2HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS4ATM1HT	PROCESS HEATERS/FURNACES	N/A	R7110-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
VPS4ATM1HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS4ATM2HT	PROCESS HEATERS/FURNACES	N/A	R7110-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
VPS4ATM2HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS4ATM3HT	PROCESS HEATERS/FURNACES	N/A	R7110-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
VPS4ATM3HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS4HSRBL	PROCESS HEATERS/FURNACES	N/A	R7110-1b	30 TAC Chapter 117, Subchapter B	No changing attributes.
VPS4HSRBL	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS4VAC1HT	PROCESS HEATERS/FURNACES	N/A	R7110-4	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
VPS4VAC1HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS4VAC2HT	PROCESS HEATERS/FURNACES	N/A	R7110-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
VPS4VAC2HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS5FE	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63CC-VPS5FE	40 CFR Part 63, Subpart CC	No changing attributes.
VPS5H1/2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-VPS5H1/2	40 CFR Part 60, Subpart J	No changing attributes.
VPS5H1/2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS5H3/4	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-VPS5H3/4	40 CFR Part 60, Subpart J	No changing attributes.
VPS5H3/4	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS5VAC1HT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J- VPS5VAC1HT	40 CFR Part 60, Subpart J	No changing attributes.
VPS5VAC1HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
VPS5VAC2HT	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS	N/A	60J- VPS5VAC2HT	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				
VPS5VAC2HT	PROCESS HEATERS/FURNACES	N/A	63DDDDD-HTR	40 CFR Part 63, Subpart DDDDD	No changing attributes.
WAPISEP	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	R115	30 TAC Chapter 115, Water Separation	No changing attributes.
WAPISEP	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	60QQQ	40 CFR Part 60, Subpart QQQ	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)
004TK001	EU	R5111	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
208TK38629	EU	R5111-a1	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
208TK38629	EU	63CC-01	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)
815PU13640	EU	60III-N10-300-	CO	40 CFR Part 60, Subpart III	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR	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)
						1039.102 and 40 CFR 1039.101.			
815PU13640	EU	60IIII-N10-300-	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102.	None	None	None
815PU13640	EU	60IIII-N10-300-	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
815PU13640	EU	60IIII-N10-300-	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and	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)
					§ 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).			
815PU13640	EU	63ZZZZ-N06+300-	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
815PU13660	EU	60IIII-N07-75-	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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	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)
						must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
815PU13660	EU	60IIII-N07-75-	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a).	None	None	None
815PU13660	EU	60IIII-N07-75-	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 75 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 0.40 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
815PU13660	EU	60IIII-N07-75-	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per	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) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).			
815PU13660	EU	63ZZZZ-N06+100-	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
815PU13661	EU	60IIII-N08-130-	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 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	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)
					§ 60.4218 § 89.112(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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
815PU1366 1	EU	60IIII-N08-130-	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102.	None	None	None
815PU1366 1	EU	60IIII-N08-130-	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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	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)
						89.112(a).			
815PU1366 1	EU	60IIII-N08-130-	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
815PU1366 1	EU	63ZZZZ-N06+250-	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
815PU1366	EU	60IIII-N14-	CO	40 CFR Part 60,	§ 60.4204(b)	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)
2		56-		Subpart IIII	§ 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
815PU1366 2	EU	60IIII-N14-56-	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) § 60.4218	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
815PU1366 2	EU	60IIII-N14-56-	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	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)
					§ 60.4218	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.			
815PU13662	EU	60IIII-N14-56-	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
815PU13662	EU	63ZZZZ-N06+100-	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	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 JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
815PU13663	EU	60IIII-E10-560-	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
815PU13663	EU	60IIII-E10-560-	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
815PU13663	EU	60IIII-E10-560-	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2)	Owners and operators of emergency stationary CI	§ 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) § 60.4218 § 89.112(a)	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 89.112(a).			
815PU1366 3	EU	60III-E10-560-	PM (Opacity)	40 CFR Part 60, Subpart III	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
815PU1366 3	EU	63ZZZ-E06+500+	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	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)
						this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).			
835GEN001	EU	63ZZZZ-E02+250-	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.6 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(j) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary SI RICE and black start stationary SI RICE with a site rating less than or equal to 500 HP, located at a major source, you must comply with the requirements as specified in Table 2c.6.a-c.	§ 63.6625(j) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(j) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
ARU4FE	EU	63CC-ARU4FE	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)
BOILER 46	EP	R1111-BOILER 46	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	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)
BOILER 46	EU	60Db-BOILER 46	NO _x	40 CFR Part 60, Subpart Db	§ 60.44b(l)(2) § 60.44b(h) § 60.44b(i) § 60.46b(a)	Affected facilities with a low heat release rate and combusting natural gas or distillate oil in excess of 30% of the heat input from the combustion of all fuels, a limit determined by use of the specified formula.	§ 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)
BOILER 46	EU	60Db-BOILER 46	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
BOILER 46	EU	60Db-BOILER 46	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
BOILER 46	EU	60Db-BOILER 46	SO ₂	40 CFR Part 60, Subpart Db	§ 60.104(a)(1) § 60.104	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 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) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(e) § 60.107(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)
						flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.			
BOILER 46	EU	60J-BOILER 46	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)
BOILER 46	EU	63DDDDD-BLR	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
CEPFUG	EU	R5322-CEPFUG	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 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	§ 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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(3) § 115.352(5) § 115.352(7) § 115.357(1) § 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.			
CEPFUG	EU	R5322-CEPFUG	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 or exuding of process fluid based on sight, smell, or sound.	§ 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
CEPFUG	EU	R5322-CEPFUG	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
CEPFUG	EU	R5322-CEPFUG	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	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)
						the requirements of this division except §115.356(3)(C) of this title.			
CEPFUG	EU	R5322-CEPFUG	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
CEPFUG	EU	R5322-CEPFUG	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
CEPFUG	EU	R5322-CEPFUG	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	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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 this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.			
CEPFUG	EU	R5322-CEPFUG	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
CEPFUG	EU	R5322-CEPFUG	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
CEPFUG	EU	R5322-CEPFUG	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(11)	§ 115.352(7) § 115.356	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(1) § 115.357(12) § 115.357(8)	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(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	[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)	
CEPFUG	EU	63CC-CEPFBEL FGR	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)
CEPFUG	EU	63CC-CEPFBEL PRO	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)
CEPFUG	EU	63CC-CEPFBEL PRO	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.642(b) § 63.642(n)			§ 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEPFG-PILF	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)
CEPFUG	EU	63CC-CEPFG64 8j5	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)
CEPFUG	EU	63CC-CEPFG64 8j5	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.642(b) § 63.642(n)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-	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)

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		CEFPILF GR	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)(11) § 63.655(i)(11)(iv) § 63.655(i)(6)	§ 63.655(g) [G]§ 63.655(g)(10)
CEPFUG	EU	63CC-CEFPILP RO	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.642(b) § 63.642(n)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEFPILP RO	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)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.642(b)	Comply with the specified Subpart H requirements for valves in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(d) § 63.642(f) § 63.655(d)(2)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(c)(5)				
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176 § 63.642(b) § 63.642(n) § 63.648(f)	Comply with the specified Subpart H requirements for pumps in light liquid service. Instrument readings that define a leak are specified in Subpart CC, table 2.	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(6) § 63.648(c)(7)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2) § 63.655(f) § 63.655(f)(1)(v)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.642(b) § 63.642(n) § 63.648(c)(5)	Comply with the specified Subpart H requirements for connectors in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEPFUG	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

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CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(5) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.642(b) § 63.642(n)	Connectors in gas/vapor service or light liquid service are subject to the requirements for connectors in heavy liquid service in §63.169 of subpart H of this part (except for the agitator provisions). The leak definition for valves, connectors, and instrumentation systems subject to §63.169 is 1,000 parts per million.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) § 63.648(c)(2)(i)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2) § 63.655(f) § 63.655(f)(1)(v)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(2)(ii) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.174 § 63.642(b) § 63.642(n) § 63.649(a) [G]§ 63.649(e)	If an owner or operator elects to monitor connectors according to the provisions of §63.649, paragraphs (b), (c), or (d), then the owner or operator shall monitor valves at the frequencies specified in table 9 of this subpart.	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) § 63.648(c)(4) § 63.648(c)(8) § 63.649(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.649(g) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2) § 63.655(f) § 63.655(f)(1)(v)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171 § 63.642(b) § 63.642(n) § 63.648(i)	Comply with the specified Subpart H requirements for compressors which are not in hydrogen service.	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.172(a)	Comply with the specified Subpart H requirements for	[G]§ 63.172(f)(1) [G]§ 63.172(f)(2)	[G]§ 63.172(k) [G]§ 63.172(l)	[G]§ 63.182(a) § 63.182(c)

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					[G]§ 63.172(h) § 63.172(i) § 63.172(m) § 63.642(b) § 63.642(n)	closed vent systems.	§ 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.172(b) § 63.172(e) [G]§ 63.172(h) § 63.172(m) § 63.642(b) § 63.642(n)	Comply with the specified Subpart H requirements for vapor recovery systems.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166 [G]§ 63.171 § 63.642(b) § 63.642(n)	Comply with the specified Subpart H requirements for sampling connection systems.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c)	Comply with the specified Subpart H requirements for instrumentation systems.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.642(b) § 63.642(n) § 63.648(c)(5)			[G]§ 63.181(d) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175 § 63.642(b) § 63.642(n) § 63.648(c)(2)(ii) § 63.648(c)(9)	Comply with the specified Subpart H requirements for valves in gas/vapor and light liquid service. Instrument readings defining a leak are specified in Subpart CC, table 2.	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(3) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2) § 63.655(f) § 63.655(f)(1)(v)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.642(b) § 63.642(n)	Comply with the specified Subpart H requirements for non-reciprocating pumps in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(4)(iv) § 63.642(b) § 63.642(n) § 63.644(a)(2)	For each pressure relief device in organic HAP gas or vapor service routed to a control device, both the	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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	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.'			[G]§ 63.655(g)(10) § 63.655(g)(14) § 63.655(g)(6) § 63.655(h)
CEPFUG	EU	63CC-CEPFUG	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 § 63.642(b) § 63.642(n)	Comply with the specified Subpart H requirements for open-ended valves and lines.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEPFUG-PRO	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.642(b) § 63.642(n)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) § 63.642(f) § 63.655(d)(2)
CEPFUG	EU	63CC-CEPFUGB ELF	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	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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.			
CRU4 DPREB	EU	R7110-1a	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) § 117.8100(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(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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CRU4 DPREB	EU	R7110-1a	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)(2) § 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) § 117.8100(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)
CRU4 DPREB	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(12) § 63.7540(a)(13)	the boiler or process heater every 5 years as specified in § 63.7540.			§ 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
CRU4INTHT 1	EU	R7110-3	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(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)	§ 117.145(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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 117.8120 § 117.8120(1) § 117.8120(1)(A)		
CRU4INTHT 1	EU	R7110-3	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)(2) § 117.135(g) § 117.140(a)(2)(B) § 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CRU4INTHT 1	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
CRU4INTHT 2	EU	R7110-4	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(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)	§ 117.145(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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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)		
CRU4INTHT 2	EU	R7110-4	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)(2) § 117.135(g) § 117.140(a)(2)(B) § 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)	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)		
CRU4INTHT 2	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
CRU4NHTC HT	EU	R7110-1a	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) § 117.8100(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)	§ 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)(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)		
CRU4NHTC HT	EU	R7110-1a	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)(2) § 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) § 117.8100(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)	§ 117.145(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)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		
CRU4NHTC HT	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
CRU4PLAT HT	EU	R7110-3	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(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) §	§ 117.145(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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(c)
CRU4PLAT HT	EU	R7110-3	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)(2) § 117.135(g) § 117.140(a)(2)(B) § 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)	§ 117.145(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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]§ 117.8010(8) § 117.8100(c)
CRU4PLAT HT	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
CRU4SRBL	EU	R7110-1a	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) § 117.8100(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)(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
CRU4SRBL	EU	R7110-1a	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)(2) § 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) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i)	§ 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
CRU4SRBL	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)- Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
CRU5FE	EU	63CC- CRU5FE	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)
CRU5INTHT	EU	60J-	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)
1		CRU5INT HT1	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)
CRU5INTHT 1	EU	63DDDDD -HTR	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) § 63.7540(a)(1) [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)
CRU5INTHT 2	EU	60J-CRU5INT HT2	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).			
CRU5INTHT 2	EU	63DDDDD -HTR	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) § 63.7540(a)(1) [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)
CRU5INTHT 3	EU	60J-CRU5INT HT3	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).			
CRU5INTHT 3	EU	63DDDDD -HTR	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) § 63.7540(a)(1) [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)
CRU5PLAT HT	EU	60J-CRU5PLA THT	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)
CRU5PLAT HT	EU	63DDDDD -HTR	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	§ 63.7510(g) § 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) § 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)
					§ 63.7540(a)(1) [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.	§ 63.7530(g) § 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)
DCU2ENG3 102	EU	60IIII-02	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
DCU2ENG3 102	EU	60IIII-02	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102.			
DCU2ENG3 102	EU	60IIII-02	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
DCU2ENG3 102	EU	60IIII-02	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
DCU2ENG3 102	EU	63ZZZZ-03	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	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)
						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.			
DCU2ENG3 124	EU	60IIII-02	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
DCU2ENG3 124	EU	60IIII-02	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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	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)
						a 2007 - 2013 model year must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102.			
DCU2ENG3 124	EU	60III-02	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
DCU2ENG3 124	EU	60III-02	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3)	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)
						and 40 CFR 1039.105(b)(1)-(3).			
DCU2ENG3 124	EU	63ZZZZ-03	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
DCU2FE	EU	63CC-DCU2FE	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)
ECRU4	CD	R1111-ECRU4	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	§ 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)
						§101.222(b).			
ECRU4	EU	60Ja-1	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)(iv) § 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)
ECRU4	CD	63CC-01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.670(n) [G]§ 63.670(o) [G]§ 63.670(r) [G]§ 63.671(a) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.671(b)	§ 63.670(h) § 63.670(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) § 63.671(a)(4)	[G]§ 63.655(g)(11) § 63.670(h) [G]§ 63.670(o)(2) § 63.670(q)
ECRU4	CD	63CCFL-60+	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(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(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(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)	
ECRU4	CD	63CCFL-60-	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(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(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)	§ 63.655(i) § 63.655(i)(6) § 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) § 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
EDCU1	CD	R1111-EDCU1	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	§ 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)
						period. Non-excessive upset events are subject to the provisions under §101.222(b).			
EDCU1	EU	60Ja-1	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)(iv) § 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)
EDCU1	CD	63CC-01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.670(n) [G]§ 63.670(o) [G]§ 63.670(r) [G]§ 63.671(a) [G]§ 63.671(c) [G]§ 63.671(d)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.671(b)	§ 63.670(h) § 63.670(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) § 63.671(a)(4)	[G]§ 63.655(g)(11) § 63.670(h) [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]§ 63.671(e)				
EDCU1	CD	63CCFL-60+	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(f)(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(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)	§ 63.655(i) § 63.655(i)(6) § 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)
EDCU1	CD	63CCFL-60-	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(f)(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(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)	§ 63.655(i) § 63.655(i)(6) § 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)
EDCU2	CD	R1111-	Opacity	30 TAC Chapter	§ 111.111(a)(4)(A)	Visible emissions from a	§	§ 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)
		EDCU2		111, Visible Emissions		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)		
EDCU2	EU	60Ja-1	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)(iv) § 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)
EDCU2	CD	63CCFL-60+	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(f)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2)	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	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 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)	§ 63.655(i) § 63.655(i)(6) § 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)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	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]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)		
EDCU2	CD	63CCFL-60-	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(f)(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(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)	§ 63.655(i) § 63.655(i)(6) § 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)
EFCCU	CD	R1111-EFCCU	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
EFCCU	EU	60Ja-1	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)	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	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2)	§ 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)(1) § 60.103a(d)(2) § 60.103a(d)(3) § 60.103a(d)(5) [G]§ 60.103a(e) § 60.103a(f)	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.	§ 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 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)		
EFCCU	CD	63CC-01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.670(n) [G]§ 63.670(o) [G]§ 63.670(r) [G]§ 63.671(a) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.671(b)	§ 63.670(h) § 63.670(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) § 63.671(a)(4)	[G]§ 63.655(g)(11) § 63.670(h) [G]§ 63.670(o)(2) § 63.670(q)
EFCCU	CD	63CCFL-60+	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(o)	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	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j)	§ 63.655(i) § 63.655(i)(6) § 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)	§ 63.642(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)(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)	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(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)	§ 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	
EFCCU	CD	63CCFL-60-	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(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(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)	§ 63.655(i) § 63.655(i)(6) § 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) § 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
EFCCU1&2	CD	R1111-EFCCU1&2	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
EFCCU1&2	EU	60Ja-1	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b)	Each owner or operator shall not burn in any affected flare any fuel gas	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c)	§ 60.108a(c) § 60.108a(c)(1) [G]§ 60.108a(c)(6)	[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(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)	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]§ 60.104a(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(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)	[G]§ 60.108a(d)	
EFCCU1&2	CD	63CC-01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.670(n) [G]§ 63.670(o) [G]§ 63.670(r) [G]§ 63.671(a) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.671(b)	§ 63.670(h) § 63.670(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) § 63.671(a)(4)	[G]§ 63.655(g)(11) § 63.670(h) [G]§ 63.670(o)(2) § 63.670(q)
EFCCU1&2	CD	63CCFL-60+	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(g)	§ 63.655(i) § 63.655(i)(6) § 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(d)(2) § 63.670(e) § 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)	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).	[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]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	[G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
EFCCU1&2	CD	63CCFL-60-	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(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(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)	§ 63.655(i) § 63.655(i)(6) § 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) § 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
EHCUC	CD	R1111-EHCUC	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)
EHCUC	EU	60Ja-1	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)(iv) § 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)
EHCUC	CD	63CC-01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.670(n) [G]§ 63.670(o) [G]§ 63.670(r) [G]§ 63.671(a) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.671(b)	§ 63.670(h) § 63.670(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) § 63.671(a)(4)	[G]§ 63.655(g)(11) § 63.670(h) [G]§ 63.670(o)(2) § 63.670(q)
EHCUC	CD	63CCFL-60+	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n)	Visible emissions. The owner or operator shall specify the smokeless	§ 63.642(d)(1) § 63.670(b) § 63.670(c)	§ 63.655(i) § 63.655(i)(6) § 63.655(i)(9)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 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)	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(d)(2) § 63.670(e) § 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]§ 63.670(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)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
EHCUC	CD	63CCFL-60-	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(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(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)	§ 63.655(i) § 63.655(i)(6) § 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) § 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
EHCUC2	CD	R1111-EHCUC2	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	§ 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)
						upset events are subject to the provisions under §101.222(b).			
EHC2	EU	60Ja-1	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)(iv) § 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)
EHC2	CD	63CCFL-60+	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(f)(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)	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	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 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)	§ 63.655(i) § 63.655(i)(6) § 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)(7) [G]§ 63.671(c)	from the flare as specified in §63.670(h).	[G]§ 63.671(e)		
EHC2	CD	63CCFL-60-	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(f)(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(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)	§ 63.655(i) § 63.655(i)(6) § 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)
EHTU	CD	R1111-EHTU	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
EHTU	EU	60Ja-1	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)	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	[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)(iv)	§ 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)
					[G]§ 60.103a(e) § 60.103a(f)	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)		
EHTU	CD	63CC-01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.670(n) [G]§ 63.670(o) [G]§ 63.670(r) [G]§ 63.671(a) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.671(b)	§ 63.670(h) § 63.670(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) § 63.671(a)(4)	[G]§ 63.655(g)(11) § 63.670(h) [G]§ 63.670(o)(2) § 63.670(q)
EHTU	CD	63CCFL-60+	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(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	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 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) § 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)	capacity of the flare. The 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)		
EHTU	CD	63CCFL-60-	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(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(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	§ 63.655(i) § 63.655(i)(6) § 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) § 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
EMERGEN	EU	63ZZZZ-01	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	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 apply for such engines under this part.			
ESBU2	CD	R1111-ESBU2	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
ESBU2	EU	60Ja-1	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)(iv) § 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)
ESBU2	CD	63CCFL-60+	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(o)	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	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j)	§ 63.655(i) § 63.655(i)(6) § 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)	§ 63.642(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)(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)	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(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)	§ 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	
ESBU2	CD	63CCFL-60-	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(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(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)	§ 63.655(i) § 63.655(i)(6) § 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) § 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
EVPS4	CD	R1111-EVPS4	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
EVPS4	EU	60Ja-1	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b)	Each owner or operator shall not burn in any affected flare any fuel gas	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c)	§ 60.108a(c) § 60.108a(c)(1) [G]§ 60.108a(c)(6)	[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(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)	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]§ 60.104a(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(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)	[G]§ 60.108a(d)	
EVPS4	CD	63CC-01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.670(n) [G]§ 63.670(o) [G]§ 63.670(r) [G]§ 63.671(a) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) [G]§ 63.670(f) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.671(b)	§ 63.670(h) § 63.670(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) § 63.671(a)(4)	[G]§ 63.655(g)(11) § 63.670(h) [G]§ 63.670(o)(2) § 63.670(q)
EVPS4	CD	63CCFL-60+	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for	§ 63.642(d)(1) § 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(g)	§ 63.655(i) § 63.655(i)(6) § 63.655(i)(9) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j)	§ 63.642(f) § 63.655(g) [G]§ 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(d)(2) § 63.670(e) § 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)	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).	[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]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	[G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
EVPS4	CD	63CCFL-60-	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(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(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)	§ 63.655(i) § 63.655(i)(6) § 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) § 63.655(g)(11) § 63.655(g)(14) [G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
EVPS5	CD	R1111-EVPS5	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)
EVPS5	EU	60Ja-1	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)(iv) § 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)
EVPS5	CD	63CCFL-60+	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(f)(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(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)	§ 63.655(i) § 63.655(i)(6) § 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)
EVPS5	CD	63CCFL-	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)
		60-		Subpart CC	§ 63.642(b) § 63.642(n) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(f)(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)(1) § 63.670(e) § 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)	§ 63.655(i)(6) § 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(o)(2) § 63.670(q)
FCCU3	EU	63UUU-01	CO	40 CFR Part 63, Subpart UUU	§ 63.1565(a)(1)-Table 8.2.a § 63.1565(a)(1) § 63.1565(a)(2) § 63.1565(a)(2)-Table 9.2.a § 63.1565(a)(2)-Table 9.3 § 63.1565(a)(3) § 63.1565(a)(4) § 63.1565(a)(5) § 63.1565(b)(3) § 63.1565(b)(4) § 63.1565(b)(4)-Table 12.2.a.ii § 63.1565(c)(1) § 63.1565(c)(2) § 63.1569(a)(1) § 63.1569(a)(1)(i)-Table 36.1 § 63.1569(a)(3) § 63.1569(b)(1)	For each new and existing CCU not subject to the NSPS for CO in 40 CFR §60.103 or §60.102a(b)(4) and electing to comply with the CO emission limit (Option 2), 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 10.2.d § 63.1565(b)(1)-Table 10.3 § 63.1565(b)(2) § 63.1565(b)(2)-Table 11.1.a § 63.1565(b)(2)-Table 11.1.b § 63.1565(b)(2)-Table 11.1.c § 63.1565(b)(2)-Table 11.1.d § 63.1565(b)(2)-Table 11.2 § 63.1565(c)(1)-Table 13.2.a § 63.1565(c)(1)-Table 14.2.a § 63.1565(c)(1)-Table 14.3	§ 63.1565(b)(1)-Table 10.2.d § 63.1565(c)(1)-Table 14.2.a § 63.1565(c)(1)-Table 14.3 § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1569(c)(1)-Table 39.5 § 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)	§ 63.1565(b)(5) § 63.1565(b)(6) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table 39.5 § 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1569(b)(1)-Table 37.1 § 63.1569(b)(2) § 63.1569(b)(2)-Table 38.1.a § 63.1569(c)(1) § 63.1569(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)		§ 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(a)(6) [G]§ 63.1571(b) § 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)		[G]§ 63.1575(i) § 63.1575(k) [G]§ 63.1575(k)(1) § 63.1575(k)(2) [G]§ 63.1575(l) [G]§ 63.1576(b)
FCCU3	EU	63UUU-01	PM	40 CFR Part 63, Subpart UUU	§ 63.1564(a)(1)-Table 1.4 § 63.1564(a)(1) § 63.1564(a)(2) § 63.1564(a)(2)-Table 2.10 § 63.1564(a)(2)-Table 2.4 § 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 5.6 § 63.1564(c)(1) § 63.1564(c)(1)-Table 7.10 § 63.1564(c)(5) § 63.1569(a)(1) § 63.1569(a)(1)(i)-Table 36.1	For each new or existing CCU electing to comply with NSPS subpart J for PM per coke burn off limit (Option 1a), PM emissions must not exceed 1.0 g/kg (1.0 lb/1,000 lbs) of coke burnoff.	§ **See Alternative Requirement § 63.1564(b)(1) § 63.1564(b)(1)-Table 3.12 § 63.1564(b)(1)-Table 3.6 § 63.1564(b)(2) [G]§ 63.1564(b)(2)-Table 4.1 § 63.1564(b)(2)-Table 4.2.a § 63.1564(b)(2)-Table 4.2.b § 63.1564(b)(2)-Table 4.5 [G]§ 63.1564(c)(1)-Table 6.1.a § 63.1564(c)(1)-Table 6.6 § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1569(c)(1)-Table 39.5 § 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) § 63.1569(b)(1)-	§ 63.1564(b)(1)-Table 3.12 [G]§ 63.1564(c)(1)-Table 6.1.a § 63.1564(c)(1)-Table 6.6 § 63.1564(c)(2) § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1569(c)(1)-Table 39.5 § 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)	§ 63.1564(b)(6) § 63.1564(b)(7) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table 39.5 § 63.1570(f) § 63.1571(a) [G]§ 63.1573(f) [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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1569(a)(3) § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(b)(2) § 63.1569(b)(2)-Table 38.1.a § 63.1569(c)(1) § 63.1569(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)		Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1571(a) § 63.1571(a)(1) § 63.1571(a)(5)(ii) [G]§ 63.1571(b) [G]§ 63.1572(d) [G]§ 63.1573(d) § 63.1573(e)		[G]§ 63.1575(i) § 63.1575(k) [G]§ 63.1575(k)(1) § 63.1575(l)
FCCU3	EU	63UUU-01	PM (Opacity)	40 CFR Part 63, Subpart UUU	§ 63.1564(a)(1)-Table 1.4 § 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 5.6 § 63.1564(c)(1) § 63.1564(c)(1)-Table 7.10 § 63.1564(c)(5) § 63.1569(a)(1) § 63.1569(a)(1)(i)-Table 36.1 § 63.1569(a)(3) § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(b)(2) § 63.1569(b)(2)-Table 38.1.a	For each new or existing CCU electing to comply with NSPS subpart J for opacity (Option 1a), the opacity of emissions must not exceed 30%, except for one 6-minute average opacity reading in any 1-hour period.	§ **See Alternative Requirement § 63.1564(b)(1) § 63.1564(b)(1)-Table 3.1 § 63.1564(b)(1)-Table 3.12 § 63.1564(b)(1)-Table 3.12 § 63.1564(b)(1)-Table 3.6 § 63.1564(b)(2) § 63.1564(b)(2)-Table 4.1 § 63.1564(b)(2)-Table 4.2.c § 63.1564(b)(2)-Table 4.5 [G]§ 63.1564(c)(1)-Table 6.1.a § 63.1564(c)(1)-Table 6.6 § 63.1564(c)(1)-Table 7.4 § 63.1564(c)(2) § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1569(c)(1)-Table 39.5 [G]§ 63.1564(c)(1)-Table 6.1.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) Table 39.1	§ 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 6.6 § 63.1564(c)(1)-Table 7.4 § 63.1564(c)(2) § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1569(c)(1)-Table 39.5 § 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)	§ 63.1564(b)(6) § 63.1564(b)(7) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table 39.5 § 63.1570(f) § 63.1571(a) [G]§ 63.1573(f) [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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1569(c)(1) § 63.1569(c)(2) § 63.1570(b) § 63.1570(c) § 63.1570(d)		§ 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)		
FCCU3CHG HT	EU	R7110-6a	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) § 117.140(b)(1) § 117.140(b)(3) § 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)
FCCU3CHG HT	EU	R7110-6a	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) § 117.140(b)(1) § 117.140(b)(3) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1)	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)		§ 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
FCCU3CHG HT	EU	63DDDDD	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) § 63.7540(a)(1) [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)
FK33PH	EU	63CC-FK33PH	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)
FKCRU4	EU	63CC-FKCRU4	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)	§ 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)

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						(g).	[G]§ 63.654(c)(6) [G]§ 63.654(d) § 63.654(e) [G]§ 63.654(f) [G]§ 63.654(g)	§ 63.655(i)(5)(iv) § 63.655(i)(5)(v) § 63.655(i)(6)	§ 63.655(g)(14) [G]§ 63.655(g)(9) § 63.655(h) § 63.655(h)(7)
FKDCU1	EU	63CC-FKDCU1	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)
FKFCCU1/2	EU	63CC-FKFCCU1/2	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)
FKFCCU3	EU	63CC-FKFCCU3	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.654(e) [G]§ 63.654(f) [G]§ 63.654(g)	§ 63.655(i)(6)	§ 63.655(h) § 63.655(h)(7)
FKHTU1&2	EU	63CC-FKHTU1&2	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)
FKHTU3	EU	63CC-FKHTU3	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)
FKHTU5	EU	63CC-FKHTU5	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)	§ 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(g)		
FKMPU3	EU	63CC-FKMPU3	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)
FKMPU4	EU	63CC-FKMPU4	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)
FKVPS2	EU	63CC-FKVPS2	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FKVPS4	EU	63CC-FKVPS4	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)
GEN9697	EU	63ZZZZ-E02+100-	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.6 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(j) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary SI RICE and black start stationary SI RICE with a site rating less than or equal to 500 HP, located at a major source, you must comply with the requirements as specified in Table 2c.6.a-c.	§ 63.6625(j) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(j) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
GRPEMG755	EU	60IIII-E07-560+	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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 89.112(a).			
GRPEMG755	EU	60III-E07-560+	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 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 an NMHC+NO _x emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPEMG755	EU	60III-E07-560+	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPEMG755	EU	60III-E07-560+	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 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) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).			
GRPEMG755	EU	63ZZZZ-E06+500+	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)
GRPENG02-	EU	63ZZZZ-E02-250-	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)
GRPENG92-	EU	R7100-92-	Exempt	30 TAC Chapter	§ 117.103(a)(6)(D)	Units exempted from the	§ 117.8140(a)	§ 117.140(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)
		DSL		117, Subchapter B		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 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.	§ 117.8140(a)(3)	§ 117.145(f) § 117.145(f)(6) § 117.145(f)(6)(B)	
GRPENG92-	EU	63ZZZZ-E02-500-	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)
GRPFUELJ	EU	60J	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	§ 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)
						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).			
GRPFWP	EU	60IIII-F08-368-	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) § 60.4211(b) [G]§ 60.4211(f) § 60.4218	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 2008 model year or earlier must comply with a CO emission limit of 3.5 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4211(b)(3) § 60.4214(b)	[G]§ 60.4214(d)
GRPFWP	EU	60IIII-F08-368-	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) § 60.4211(b) [G]§ 60.4211(f) § 60.4218	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 2008 model year or earlier must comply with an NMHC+NO _x emission limit of 10.5 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4211(b)(3) § 60.4214(b)	[G]§ 60.4214(d)
GRPFWP	EU	60IIII-F08-368-	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)	§ 60.4211(b)(3) § 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) § 60.4211(b) [G]§ 60.4211(f) § 60.4218	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 2008 model year or earlier must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 4 to this subpart.			
GRPFWP	EU	63ZZZZ-E06+500-	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
GRPSWEN G1	EU	60IIII-N11-130-	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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	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 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
GRPSWEN G1	EU	60IIII-N11-130-	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102.	None	None	None
GRPSWEN G1	EU	60IIII-N11-130-	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a).	None	None	None
GRPSWEN G1	EU	60IIII-N11-130-	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206	Owners and operators of non-emergency stationary CI ICE with a displacement	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)
					§ 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).			
GRPSWEN G1	EU	63ZZZZ-N06+250-	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
GRPSWEN G2	EU	60IIII-N10-368-	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 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)
					§ 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
GRPSWEN G2	EU	60III-N10-368-	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102.	None	None	None
GRPSWEN G2	EU	60III-N10-368-	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR	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) and 40 CFR 89.112(a).			
GRPSWEN G2	EU	60III-N10-368-	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
GRPSWEN G2	EU	63ZZZZ-N06+500-	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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPSWEN G3	EU	60IIII-N11-75-	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
GRPSWEN G3	EU	60IIII-N11-75-	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 56 KW but less than 75 KW and a displacement of less than 10 liters per cylinder and is a 2008 - 2013 model year 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 89.112(a) and 40 CFR 1039.102.	None	None	None
GRPSWEN G3	EU	60IIII-N11-75-	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and	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)
					§ 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).			
GRPSWEN G3	EU	63ZZZZ-N06+100-	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
GT 35	EU	60GG	SO ₂	40 CFR Part 60, Subpart GG	§ 60.333(b)	No stationary gas turbine shall burn any fuel which contains sulfur in excess of 0.8% by weight.	§ 60.334(h) § 60.334(h)(1) § 60.334(i) § 60.334(i)(2) § 60.334(j) § 60.334(j)(2)(i) § 60.334(j)(2)(iii)	§ 60.334(i) § 60.334(i)(2)	§ 60.334(j) § 60.334(j)(5)
GTG41	EU	60KKKK-GTG41	NO _x	40 CFR Part 60, Subpart KKKK	§ 60.4320(a)-Table 1	Heat recovery units operating independent of	§ 60.4335(b)(1) [G]§ 60.4345	[G]§ 60.4345 § 60.4350(b)	[G]§ 60.4345 § 60.4375(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)
					§ 60.4320(a) § 60.4333(a) § 60.4335(b)(1) [G]§ 60.4345	the combustion turbine must meet the nitrogen oxides emission standard of 110 ng/J of useful output (0.86 lb/MWh).	§ 60.4350(a) § 60.4350(b) § 60.4350(c) § 60.4350(e) § 60.4350(f) § 60.4350(f)(2) § 60.4350(h) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(1) § 60.4400(b)(4) § 60.4400(b)(5) § 60.4400(b)(6) [G]§ 60.4405		§ 60.4380 [G]§ 60.4380(b) § 60.4395
GTG41	EU	60KKKK-GTG41	SO ₂	40 CFR Part 60, Subpart KKKK	§ 60.4330(a)(1) § 60.4333(a) [G]§ 60.4385	You must not cause to be discharged into the atmosphere from the subject stationary combustion turbine any gases which contain SO ₂ in excess of 110 nanograms per Joule (ng/J) (0.90 pounds per megawatt-hour (lb/MWh)) gross output, or	§ 60.4360 § 60.4370(b) § 60.4415(a) § 60.4415(a)(2) § 60.4415(a)(2)(ii)	§ 60.4370(b)	§ 60.4375(a)
GTG41	EU	63YYYY-GTG41	Formaldehyde	40 CFR Part 63, Subpart YYYY	§ 63.6095(d)	Stay of standards for gas-fired subcategories. For a new or reconstructed stationary combustion turbine that is a lean premix gas-fired stationary combustion turbine or diffusion flame gas-fired stationary combustion turbine as defined by this subpart, you must comply with the Initial Notification requirements set forth in §63.6145 but need not	None	None	§ 63.6145(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)
						comply with any other requirement of this subpart until EPA takes final action to require compliance and publishes a document in the Federal Register.			
GTG42	EU	60KKKK-GTG42	NO _x	40 CFR Part 60, Subpart KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4333(a) § 60.4335(b)(1) [G]§ 60.4345	Heat recovery units operating independent of the combustion turbine must meet the nitrogen oxides emission standard of 110 ng/J of useful output (0.86 lb/MWh).	§ 60.4335(b)(1) [G]§ 60.4345 § 60.4350(a) § 60.4350(b) § 60.4350(c) § 60.4350(e) § 60.4350(f) § 60.4350(f)(2) § 60.4350(h) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(1) § 60.4400(b)(4) § 60.4400(b)(5) § 60.4400(b)(6) [G]§ 60.4405	[G]§ 60.4345 § 60.4350(b)	[G]§ 60.4345 § 60.4375(a) § 60.4380 [G]§ 60.4380(b) § 60.4395
GTG42	EU	60KKKK-GTG42	SO ₂	40 CFR Part 60, Subpart KKKK	§ 60.4330(a)(1) § 60.4333(a) [G]§ 60.4385	You must not cause to be discharged into the atmosphere from the subject stationary combustion turbine any gases which contain SO ₂ in excess of 110 nanograms per Joule (ng/J) (0.90 pounds per megawatt-hour (lb/MWh)) gross output, or	§ 60.4360 § 60.4370(b) § 60.4415(a) § 60.4415(a)(2) § 60.4415(a)(2)(ii)	§ 60.4370(b)	§ 60.4375(a)
GTG42	EU	63YYYY-GTG42	Formaldehyde	40 CFR Part 63, Subpart YYYY	§ 63.6095(d)	Stay of standards for gas-fired subcategories. For a new or reconstructed stationary combustion turbine that is a lean premix gas-fired stationary	None	None	§ 63.6145(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)
						combustion turbine or diffusion flame gas-fired stationary combustion turbine as defined by this subpart, you must comply with the Initial Notification requirements set forth in §63.6145 but need not comply with any other requirement of this subpart until EPA takes final action to require compliance and publishes a document in the Federal Register.			
GTG43	EU	60KKKK-GTG43	NO _x	40 CFR Part 60, Subpart KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4333(a) § 60.4335(b)(1) [G]§ 60.4345	Heat recovery units operating independent of the combustion turbine must meet the nitrogen oxides emission standard of 110 ng/J of useful output (0.86 lb/MWh).	§ 60.4335(b)(1) [G]§ 60.4345 § 60.4350(a) § 60.4350(b) § 60.4350(c) § 60.4350(e) § 60.4350(f) § 60.4350(f)(2) § 60.4350(h) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(1) § 60.4400(b)(4) § 60.4400(b)(5) § 60.4400(b)(6) [G]§ 60.4405	[G]§ 60.4345 § 60.4350(b)	[G]§ 60.4345 § 60.4375(a) § 60.4380 [G]§ 60.4380(b) § 60.4395
GTG43	EU	60KKKK-GTG43	SO ₂	40 CFR Part 60, Subpart KKKK	§ 60.4330(a)(1) § 60.4333(a) [G]§ 60.4385	You must not cause to be discharged into the atmosphere from the subject stationary combustion turbine any gases which contain SO ₂ in excess of 110 nanograms per Joule (ng/J) (0.90	§ 60.4360 § 60.4370(b) § 60.4415(a) § 60.4415(a)(2) § 60.4415(a)(2)(ii)	§ 60.4370(b)	§ 60.4375(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)
						pounds per megawatt-hour (lb/MWh)) gross output, or			
GTG43	EU	63YYYY-GTG43	Formaldehyde	40 CFR Part 63, Subpart YYYY	§ 63.6095(d)	Stay of standards for gas-fired subcategories. For a new or reconstructed stationary combustion turbine that is a lean premix gas-fired stationary combustion turbine or diffusion flame gas-fired stationary combustion turbine as defined by this subpart, you must comply with the Initial Notification requirements set forth in §63.6145 but need not comply with any other requirement of this subpart until EPA takes final action to require compliance and publishes a document in the Federal Register.	None	None	§ 63.6145(d)
GTG44	EU	60KKKK-GTG44	NO _x	40 CFR Part 60, Subpart KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4333(a) § 60.4335(b)(1) [G]§ 60.4345	Heat recovery units operating independent of the combustion turbine must meet the nitrogen oxides emission standard of 110 ng/J of useful output (0.86 lb/MWh).	§ 60.4335(b)(1) [G]§ 60.4345 § 60.4350(a) § 60.4350(b) § 60.4350(c) § 60.4350(e) § 60.4350(f) § 60.4350(f)(2) § 60.4350(h) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(1) § 60.4400(b)(4) § 60.4400(b)(5) § 60.4400(b)(6) [G]§ 60.4405	[G]§ 60.4345 § 60.4350(b)	[G]§ 60.4345 § 60.4375(a) § 60.4380 [G]§ 60.4380(b) § 60.4395

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GTG44	EU	60KKKK-GTG44	SO ₂	40 CFR Part 60, Subpart KKKK	§ 60.4330(a)(1) § 60.4333(a) [G]§ 60.4385	You must not cause to be discharged into the atmosphere from the subject stationary combustion turbine any gases which contain SO ₂ in excess of 110 nanograms per Joule (ng/J) (0.90 pounds per megawatt-hour (lb/MWh)) gross output, or	§ 60.4360 § 60.4370(b) § 60.4415(a) § 60.4415(a)(2) § 60.4415(a)(2)(ii)	§ 60.4370(b)	§ 60.4375(a)
GTG44	EU	63YYYY-GTG44	Formaldehyde	40 CFR Part 63, Subpart YYYY	§ 63.6095(d)	Stay of standards for gas-fired subcategories. For a new or reconstructed stationary combustion turbine that is a lean premix gas-fired stationary combustion turbine or diffusion flame gas-fired stationary combustion turbine as defined by this subpart, you must comply with the Initial Notification requirements set forth in §63.6145 but need not comply with any other requirement of this subpart until EPA takes final action to require compliance and publishes a document in the Federal Register.	None	None	§ 63.6145(d)
HCU1FRCR BL	EU	R7110-1b	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	[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)	§ 117.145(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						as provided in § 117.125 or § 117.110(c)(3).	§ 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		§ 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
HCU1FRCR BL	EU	R7110-1b	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)
HCU1FRCR BL	EU	63DDDDD	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) § 63.7540(a)(1) [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	§ 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)
						work practice for all regulated emissions.			
HCU1PFRB L	EU	R7110-1b	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)
HCU1PFRB L	EU	R7110-1b	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)
HCU1PFRB L	EU	63DDDDD	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) § 63.7540(a)(1) [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)
HCU1RAC1 HT	EU	R7110-1a	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)(2)(B) § 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)(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)
HCU1RAC1 HT	EU	R7110-1a	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)(2) § 117.135(g) § 117.140(a)(2)(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)
HCU1RAC1 HT	EU	60J	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).			
HCU1RAC1 HT	EU	63DDDDD	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) § 63.7540(a)(1) [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)
HCU1RAC2 HT	EU	R7110-1b	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)
HCU1RAC2 HT	EU	R7110-1b	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)	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(d) § 117.135(e)	§ 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

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(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)		[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)
HCU1RAC2 HT	EU	63DDDDD	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) § 63.7540(a)(1) [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)
HCU2DHTH 1	EU	60J-HCU2DHT H1	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	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).			
HCU2DHTH 1	EU	63DDDDD -HTR	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) § 63.7540(a)(1) [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)
HCU2H1A	EU	60J-HCU2H1A	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)
HCU2H1A	EU	63DDDDD -HTR	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	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f)	§ 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) § 63.7540(a)(1) [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.	[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(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)
HCU2H1B	EU	60J-HCU2H1B	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)
HCU2H1B	EU	63DDDDD-HTR	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) § 63.7540(a)(1) [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

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)
HCU2H2	EU	60J-HCU2H2	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)
HCU2H2	EU	63DDDDD-HTR	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) § 63.7540(a)(1) [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)
HRSG41	EU	60J-HRSG41	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1)	No owner or operator subject to the provisions of	§ 60.105(a)(4) § 60.105(a)(4)(i)	§ 60.105(a)(4) § 60.105(a)(4)(i)	§ 60.105(e)(3)(ii) § 60.107(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)
						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)(ii) § 60.105(a)(4)(iii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)(iii)	§ 60.107(g)
HRSG42	EU	60J-HRSG42	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)
HRSG43	EU	60J-HRSG43	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).			
HRSG44	EU	60J-HRSG44	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)
HTU 3 RBL	EU	R7110-1b	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)	§ 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)
							** See Periodic Monitoring Summary		
HTU 3 RBL	EU	R7110-1b	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)
HTU 3 RBL	EU	63DDDDD	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) § 63.7540(a)(1) [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)
HTU2CHGH TR	EU	R7110-1b	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	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						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(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		§ 117.8010 [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)
HTU2CHGH TR	EU	R7110-1b	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)
HTU2CHGH TR	EU	63DDDDD	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) § 63.7540(a)(1) [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)
HTU2RBL	EU	R7110-1b	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)
HTU2RBL	EU	R7110-1b	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)
HTU2RBL	EU	63DDDDD	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) § 63.7540(a)(1) [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)
HTU3CHGH TR	EU	R7110-1b	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)
HTU3CHGH TR	EU	R7110-1b	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)	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(d) § 117.135(e)	§ 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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(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)		[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)
HTU3CHGH TR	EU	63DDDDD	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) § 63.7540(a)(1) [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)
HTU6CHGH 1	EU	60J-HTU6CHG H1	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	§ 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)
						valve leakage or other emergency malfunctions is exempt from the emission limitation in §60.104(a)(1).			
HTU6CHGH 1	EU	63DDDDD -HTR	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) § 63.7540(a)(1) [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)
HTU6CHGH 2	EU	60J-HTU6CHG H2	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)
HTU6CHGH 2	EU	63DDDDD -HTR	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	§ 63.7510(g) § 63.7515(d) [G]§ 63.7521(f)	§ 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) § 63.7540(a)(1) [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.	[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(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)
LCDU C HTR	EU	R7110-1a	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)(2)(B) § 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)(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)
LCDU C HTR	EU	R7110-1a	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)(2) § 117.135(g) § 117.140(a)(2)(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)
LCDU C HTR	EU	63DDDDD	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) § 63.7540(a)(1) [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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
LCDU R HTR	EU	63DDDDD-HTR	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) § 63.7540(a)(1) [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)
LR NO 39 FE	EU	R5217-1	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
LR NO 4 FE	EU	R5212	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(i) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors from loading VOC with a true vapor pressure of 0.5 psia or greater must be controlled by one of the methods specified in § 115.212(a)(1)(A)-(C).	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(1) § 115.216(1)(C) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 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)
LR NO 42 FE	EU	R5217-2	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
MPU3EXTH TR	EU	R7110-6a	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) § 117.140(b)(1) § 117.140(b)(3) § 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)
MPU3EXTH TR	EU	R7110-6a	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) § 117.140(b)(1) § 117.140(b)(3) § 117.8000(b)	§ 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)		§ 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
MPU3EXTH TR	EU	63DDDDD	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) § 63.7540(a)(1) [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)
MPU3ROHT R	EU	R7110-1a	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)(2)(B) § 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)(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)
MPU3ROHT R	EU	R7110-1a	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)(2) § 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) § 117.8100(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)
MPU3ROHT R	EU	63DDDDD	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(1) [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)
MPU4EXHT TR	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)- Table 3.2 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(e) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(11) § 63.7540(a)(13)	A new or existing boiler or process heater with heat input capacity of less than 10 million Btu per hour, but greater than 5 million Btu per hour, in a unit designed to burn gas 1 must conduct a tune-up of the boiler or process heater biennially as specified in § 63.7540.	§ 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)
MPU4ROHT R	EU	R7110-1b	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
MPU4ROHT R	EU	R7110-1b	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)
MPU4ROHT R	EU	63DDDDD	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) § 63.7540(a)(1) [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)
NHTU2CHT	EU	60J-NHTU2CHT	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	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						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).			
NHTU2CHT	EU	63DDDDD-HTR	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) § 63.7540(a)(1) [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)
NHTU2SPL T	EU	60J-NHTU2SPLT	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	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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 emission limitation in §60.104(a)(1).			
NHTU2SPL T	EU	63DDDDD-HTR	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) § 63.7540(a)(1) [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)
NHTU2STR P	EU	60J-NHTU2STRP	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)
NHTU2STR P	EU	63DDDDD-HTR	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	§ 63.7510(g) § 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) § 63.7555(h)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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) § 63.7540(a)(1) [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.	§ 63.7521(i) § 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)
PAINT	PRO	R5420-PAINT	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(8)(A) § 115.421 § 115.421(8)(B) § 115.421(8)(C) § 115.426	VOC emissions from the coating of miscellaneous metal parts and products shall not exceed 3.0 lbs/gal (0.36 kg/L) of coating (minus water and exempt solvent) delivered for all other coating applications, including high-bake coatings.	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(6) [G]§ 115.426(1)	§ 115.426 [G]§ 115.426(1)	None
PARFUG	EU	REG V	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
PARFUG	EU	REG V	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

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					§ 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)	
PARFUG	EU	REG V	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 or exuding of process fluid based on sight, smell, or sound.	§ 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
PARFUG	EU	REG V	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)	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	§ 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

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)	500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
PARFUG	EU	REG V	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
PARFUG	EU	REG V	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	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						equipped with a rupture disk must comply with §115.352(9) and §115.			
PARFUG	EU	REG V	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
PARFUG	EU	REG V	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
PARFUG	EU	REG V	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
PARFUG	EU	REG V	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that	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)
						meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.			
PARFUG	EU	GGG	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)
PARFUG	EU	GGG	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)
PARFUG	EU	GGG	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	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1)	§ 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)
						in vacuum service.		§ 60.486(e)(6) § 60.486(j)	§ 60.487(e)
PARFUG	EU	GGG	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)
PARFUG	EU	GGG	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)				
PARFUG	EU	GGG	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)
PARFUG	EU	GGG	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)
PARFUG	EU	GGG	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)	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)
					§ 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.592(d) § 60.592(e)				
PARFUG	EU	GGG	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)
PARFUG	EU	63CC	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PARFUG	EU	63CC	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)
PARFUG	EU	63CC	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)
PARFUG	EU	63CC	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)	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)	§ 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)(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(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	
PARFUG	EU	63CC	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)
PARFUG	EU	63CC	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)	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)	§ 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) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)			§ 63.655(i)(6)	
PARFUG	EU	63CC	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)
PARFUG	EU	63CC	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)	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)				
PARFUG	EU	63CC	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)
PARFUG	EU	63CC	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PARFUG	EU	63CC	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)
PARFUG	EU	63CC	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(b) § 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 vapor recovery systems 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)
PARFUG	EU	63CC	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
PARFUG	EU	63CC	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)
PARFUG	EU	63CC	112(B)	40 CFR Part 63,	§ 63.648(a)	Comply with the specified	§ 60.482-1(f)(1)	§ 60.482-1(g)	§ 60.487(a)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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	§ 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) § 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)	40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	§ 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) [G]§ 63.648(b)	[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) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 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)
PARFUG	EU	63CC-648j5	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)
PARFUG	EU	63CC-	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		648j5	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) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	40 CFR Part 60, Subpart VV requirements for pressure relief devices in light 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)
PARFUG	EU	63CC-BELF	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)
PARFUG	EU	63CC-BELFGR	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)
PARFUG	EU	63CC-BELPRO	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)(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)
					[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.			
PARFUG	EU	63CC-BELPRO	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)
PARFUG	EU	63CC-OTH	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)	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) [G]§ 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)	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.648(a)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)			[G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	
PARFUG	EU	63CC-OTH	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) § 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)
PARFUG	EU	63CC-PILPRO	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)
PARFUG	EU	63CC-PILPRO	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	[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)

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						detected by Method 21 of 40 CFR part 60, appendix A-7.			
PARFUG	EU	63CC-PRO	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)
PARFUG	EU	63CC_PIL F	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)
PARFUG	EU	63CC_PIL FGR	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	[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)

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						A-7.			
PORTPE7308	EU	60III-N12-56-	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) § 60.4218	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
PORTPE7308	EU	60III-N12-56-	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) § 60.4218	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
PORTPE7308	EU	60III-N12-56-	PM	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 19 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) § 60.4218	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.			
PORTPE7308	EU	60III-N12-56-	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
PORTPE7308	EU	63ZZZ-N06+100-	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	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)
						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.			
PRO SRU 4	EU	R112-01	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a) § 112.7(b)	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)
PRO SRU 4	EU	60J-02	SO ₂	40 CFR Part 60, Subpart J	§ 60.104(a)(2)(i)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any Claus sulfur recovery plant with a reduction control system followed by incineration any gases containing in excess of 250 ppm by volume of SO ₂ at zero percent excess air.	[G]§ 60.105(a)(5) § 60.106(a) [G]§ 60.106(f)	[G]§ 60.105(a)(5)	§ 60.105(e)(4)(i) § 60.107(d) § 60.107(f) § 60.107(g)
PRO SRU 4	EU	63UUU-03	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)	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	§ 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(b)(1)-Table 31.1.a § 63.1568(c)(1)-Table 34.1.a § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1569(c)(1)-Table	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table 39.5 § 63.1570(f) § 63.1571(a) [G]§ 63.1574(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)
					§ 63.1568(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) § 63.1569(a)(1) § 63.1569(a)(1)(i)-Table 36.1 § 63.1569(a)(3) § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(b)(2) § 63.1569(b)(2)-Table 38.1.a § 63.1569(c)(1) § 63.1569(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)	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(c)(1)-Table 35.5.b § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 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)	39.5 § 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)	§ 63.1574(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)
PRO SRU 5-1	EU	112SRU5-1	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a) § 112.7(b)	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)
PRO SRU 6-	EU	112SRU6-	SO ₂	30 TAC Chapter	§ 112.7(a)	No person may cause,	§ 112.2(a)	§ 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)
1		1		112, Sulfur Compounds	§ 112.7(b)	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).	** See CAM Summary		
PRO SRU 7-1	EU	112SRU7-1	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a) § 112.7(b)	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)
PRO SRU2&3	EU	R112-01	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a) § 112.7(b)	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)
PS3 RACK	EU	R5217-2	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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PU10812	EU	60IIII-F08-450-	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) § 60.4211(b) [G]§ 60.4211(f) § 60.4218	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 2008 model year or earlier must comply with a CO emission limit of 3.5 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4211(b)(3) § 60.4214(b)	[G]§ 60.4214(d)
PU10812	EU	60IIII-F08-450-	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) § 60.4211(b) [G]§ 60.4211(f) § 60.4218	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 2008 model year or earlier must comply with an NMHC+NO _x emission limit of 10.5 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4211(b)(3) § 60.4214(b)	[G]§ 60.4214(d)
PU10812	EU	60IIII-F08-450-	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) § 60.4211(b) [G]§ 60.4211(f) § 60.4218	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 2008 model year or earlier	§ 60.4209(a)	§ 60.4211(b)(3) § 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)
						must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 4 to this subpart.			
PU10812	EU	63ZZZZ-E06+500+	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)
PU8940	EU	60IIII-E10-368-	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
PU8940	EU	60IIII-E10-368-	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	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	None	None	[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)
					§ 89.112(a)	than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
PU8940	EU	60III-E10-368-	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	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 89.112(a).	None	None	[G]§ 60.4214(d)
PU8940	EU	60III-E10-368-	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or	None	None	[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)
						lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).			
PU8940	EU	63ZZZZ-E06+300-	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
RESENG1008	EU	60IIII-02	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
RESENG10	EU	60IIII-02	NMHC and	40 CFR Part 60,	§ 60.4204(b)	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)
08			NO _x	Subpart IIII	§ 60.4201(a) § 60.4206 [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102.			
RESENG10 08	EU	60IIII-02	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
RESENG10 08	EU	60IIII-02	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during 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)
						acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).			
RESENG1008	EU	63ZZZZ-1	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
RESENG2005	EU	60IIII-03	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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	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 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.			
RESENG2005	EU	60III-03	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102.	None	None	None
RESENG2005	EU	60III-03	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
RESENG2005	EU	60III-03	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a	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)
					§ 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).			
RESENG2005	EU	63ZZZZ-1	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
SCDHDS1	EU	R7110-1a	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%	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a)(2)(B)	§ 117.145(a) § 117.145(f) § 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 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		§ 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
SCDHDS1	EU	R7110-1a	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)(2) § 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) § 117.8100(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)		
SCDHDS1	EU	63DDDDDD	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) § 63.7540(a)(1) [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)
SCDHYDRO /SCH	EU	R7110-1a	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)(2)(B) § 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)(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)
SCDHYDRO /SCH	EU	R7110-1a	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.110(a)(2) § 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) § 117.140(k)	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.	§ 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 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) § 117.8100(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)
SCDHYDRO /SCH	EU	63DDDDD	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) § 63.7540(a)(1) [G]§ 63.7540(a)(10)	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	§ 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)	§ 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(13)	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]§ 63.7540(c)		§ 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
SCHCU2-5	EU	60J-SCHCU2-5	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)
SCHCU2-5	EU	63DDDDD-HTR	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
SCRU4-2	EU	63UUU-02	Hydrogen Chloride	40 CFR Part 63, Subpart UUU	§ 63.1567(a)(1)-Table 22.2 § 63.1567(a)(1) § 63.1567(a)(1)(ii) § 63.1567(a)(2)	For each existing cyclic or continuous CRU, you must reduce uncontrolled emissions of HCl by 97 percent by weight or to a	§ 63.1567(b)(1) § 63.1567(b)(1)-Table 24.1 § 63.1567(b)(2) § 63.1567(b)(2)-	§ 63.1567(b)(1)-Table 24.1 § 63.1567(b)(2)-Table 25.1.e.(2) § 63.1567(b)(2)-Table	§ 63.1567(b)(6) § 63.1567(b)(7) § 63.1570(f) § 63.1571(a) § 63.1571(d)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(a)(2)-Table 23.1 § 63.1567(a)(3) § 63.1567(b)(3) § 63.1567(b)(4) § 63.1567(b)(4)(i) § 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)	concentration of 10 ppmv (dry basis), corrected to 3% oxygen.	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)(2)-Table 25.2.a.i § 63.1567(b)(2)-Table 25.2.b.i § 63.1567(c)(1)-Table 27.2 § 63.1567(c)(1)-Table 28.1.a § 63.1567(c)(1)-Table 28.1.b § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(c) § 63.1572(c)(1) § 63.1572(c)(1)-Table 41.8 § 63.1572(c)(2) § 63.1572(c)(3) § 63.1572(c)(4) [G]§ 63.1572(d)	25.1.e.(3) § 63.1567(b)(2)-Table 25.1.e.(4) § 63.1567(b)(2)-Table 25.2.a.i § 63.1567(b)(2)-Table 25.2.b.i § 63.1567(c)(1)-Table 28.1.a § 63.1567(c)(1)-Table 28.1.b § 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)	[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)
SCRU5-1	EP	R1111-	Opacity	30 TAC Chapter	§ 111.111(a)(1)(C)	Visible emissions from any	[G]§	None	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		SCRU5-1		111, Visible Emissions	§ 111.111(a)(1)(E)	stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	111.111(a)(1)(F) ** See Periodic Monitoring Summary		
SCRU5-2	EP	R1111-SCRU5-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
SCRU5-3	EP	R1111-SCRU5-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E) § 111.111(a)(2)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) § 111.111(a)(2)	None	None
SCRU5-3	EU	63UUU-SCRU5-3	Hydrogen Chloride	40 CFR Part 63, Subpart UUU	§ 63.1567(a)(1)-Table 22.3 § 63.1567(a)(1) § 63.1567(a)(1)(ii) § 63.1567(a)(2) § 63.1567(a)(2)-Table 23.1 § 63.1567(a)(3) § 63.1567(b)(3) § 63.1567(b)(4) § 63.1567(b)(4)(i) § 63.1567(b)(5) § 63.1567(b)(5)-Table 26.2 § 63.1567(c)(1)	For each new semi-regenerative, 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 percent oxygen.	§ 63.1567(b)(1) § 63.1567(b)(1)-Table 24.1 § 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)-	§ 63.1567(b)(1)-Table 24.1 § 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 25.2.a.i § 63.1567(b)(2)-Table 25.2.b.i § 63.1567(c)(1)-Table 28.1.a § 63.1567(c)(1)-Table	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(a) § 63.1570(c) § 63.1570(d) § 63.1571(d) § 63.1571(d)(4) [G]§ 63.1571(e)		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 25.2.a.i § 63.1567(b)(2)- Table 25.2.b.i § 63.1567(c)(1)- Table 27.3 § 63.1567(c)(1)- Table 28.1.a § 63.1567(c)(1)- Table 28.1.b § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(c) § 63.1572(c)(1) § 63.1572(c)(1)- Table 41.8 § 63.1572(c)(2) § 63.1572(c)(3) § 63.1572(c)(4) [G]§ 63.1572(d)	28.1.b § 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)	[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)
SDCU1-1	EU	R7110-2	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) § 117.140(b)(1) § 117.140(b)(3) § 117.8000(b) § 117.8000(c)	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary		[G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
SDCU1-1	EU	R7110-2	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) § 117.140(b)(1) § 117.140(b)(3) § 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)
SDCU1-1	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
SDCU1-2	EU	R7110-2	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	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						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(e) § 117.135(g) § 117.140(a) § 117.140(b)(1) § 117.140(b)(3) § 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		§ 117.8010 [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)
SDCU1-2	EU	R7110-2	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) § 117.140(b)(1) § 117.140(b)(3) § 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)
SDCU1-2	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 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(a)(12) § 63.7540(a)(13)	every 5 years as specified in § 63.7540.			[G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
SDCU2-1	EU	60J-SDCU2-1	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)
SDCU2-1	EU	63DDDDD-HTR	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
SDCU2-2	EU	60J-SDCU2-2	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	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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 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).			
SDCU2-2	EU	63DDDDD-HTR	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
SDCU2-3	EU	60J-SDCU2-3	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)
SDCU2-3	EU	63DDDDD-HTR	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(12) § 63.7540(a)(13)	must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.			[G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
SFCCU3-2	EP	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E) § 111.111(a)(3)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
SFCCU3-2	EP	R115	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 < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2) § 115.126(3)(C)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C)	None
SHCU1-5	EU	R7110-1b	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)
SHCU1-5	EU	R7110-1b	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)	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(d) § 117.135(e)	§ 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

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(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)		[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)
SHCU1-5	EU	63DDDDD	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) § 63.7540(a)(1) [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)
SHCU2-5	EP	R1111-SHCU2-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
SHTU3-3	EU	63DDDDD	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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) § 63.7540(a)(1) [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)
SHTU4-1	EU	63DDDDD	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) § 63.7540(a)(1) [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)
SHTU4-2	EU	63DDDDD	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) § 63.7540(a)(1) [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	§ 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						conduct this tune-up as a work practice for all regulated emissions.			
SHTU4-3	EU	63DDDDD	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) § 63.7540(a)(1) [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)
SHTU4-4	EU	R7110-6a	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) § 117.140(b)(1) § 117.140(b)(3) § 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)
SHTU4-4	EU	R7110-6a	NO _x	30 TAC Chapter	§ 117.110(a)(2)	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)
				117, Subchapter B	§ 117.110(a) § 117.110(b) § 117.110(b)(2) § 117.130(d) § 117.140(k)	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.	§ 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(b)(1) § 117.140(b)(3) § 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) § 117.145(f)(1) § 117.145(f)(9)	§ 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)
SHTU4-4	EU	63DDDDD	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) § 63.7540(a)(1) [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)
SHTU5	EU	R7110-1a	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	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a)(2)(B) § 117.8000(b)	§ 117.145(a) § 117.145(f) § 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						as provided in § 117.125 or § 117.110(c)(3).	§ 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		§ 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
SHTU5	EU	R7110-1a	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)(2) § 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) § 117.8100(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)	§ 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)
							[G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		
SHTU5	EU	63DDDDD	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) § 63.7540(a)(1) [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)
SMPU4C	EU	R7110-6a	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) § 117.140(b)(1) § 117.140(b)(3) § 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)
SMPU4C	EU	R7110-6a	NO _x	30 TAC Chapter	§ 117.110(a)(2)	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)
				117, Subchapter B	§ 117.110(a) § 117.110(b) § 117.110(b)(2) § 117.130(d) § 117.140(k)	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.	§ 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(b)(1) § 117.140(b)(3) § 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) § 117.145(f)(1) § 117.145(f)(9)	§ 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)
SMPU4C	EU	63DDDDD	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) § 63.7540(a)(1) [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)
SNHTU2-3	EP	R1111-SNHTU2-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	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)
SPS3-4	EP	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
SPS3-4	EU	REG2-2	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(c)	No person shall use liquid fuel with a sulfur content greater than 0.3% by weight, or allow emissions of SO ₂ to exceed 150 ppmv, based on 20% excess air, averaged over a 3-hour period.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
SPS3-4	EU	R7105-1	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) § 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)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) [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)(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)		
SPS3-4	EU	R7105-1	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.123(a) § 117.123(b) § 117.123(b)(1) § 117.123(b)(2) § 117.123(b)(3) [G]§ 117.123(g) [G]§ 117.123(h) § 117.123(i) § 117.123(k) § 117.130(c) § 117.130(d) § 117.130(d)(1)	Compliance with the NO _x emission specifications §117.110 may be achieved by a source cap limitation. Each equipment category at a source whose individual emission units would otherwise be subject to the NO _x emission specifications of §117.105 or §117.110 of this title may be included in the source cap as specified. All emission units not included in the source cap must comply with the requirements of §117.105, §117.110 or §117.115 of this title.	§ 117.123(c) § 117.123(c)(1) § 117.123(c)(1)(A) § 117.123(c)(2) § 117.123(f) [G]§ 117.135(a)(1) § 117.135(a)(3)(B) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 117.135(f)(4) § 117.135(g) § 117.140(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)	§ 117.123(d) § 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)	§ 117.123(e) § 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(1)(B) § 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
SPS3-4	EU	60D-001	NO _x	40 CFR Part 60, Subpart D	§ 60.44(a)(1)	On/after the §60.8 test, no affected facility shall emit gases containing NO _x , expressed as NO ₂ in excess of 86 ng/J heat input (0.20 lb/MMBtu) derived from gaseous fossil fuel.	§ 60.45(a) § 60.45(b)(3) § 60.45(c) § 60.45(c)(1) § 60.45(c)(2) § 60.45(c)(3) § 60.45(c)(3)(i) § 60.45(c)(3)(ii) [G]§ 60.45(e) [G]§ 60.45(f) § 60.45(g) § 60.45(g)(3) § 60.45(g)(3)(i) § 60.46(a) § 60.46(b)(1) [G]§ 60.46(b)(5) [G]§ 60.46(d)(1) § 60.46(d)(5) § 60.46(d)(6) § 60.46(d)(7)	None	§ 60.45(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)
SPS3-4	EU	60D-001	PM (Opacity)	40 CFR Part 60, Subpart D	§ 60.42(a)(2)	On/after the §60.8 test, no affected facility shall emit gases exhibiting greater than 20% opacity except for one six minute period per hour of not more than 27% opacity.	§ 60.45(b)(1) § 60.45(b)(7) [G]§ 60.45(b)(7)(i) [G]§ 60.45(b)(7)(ii) § 60.45(b)(7)(iii) § 60.45(h) [G]§ 60.45(h)(1) [G]§ 60.45(h)(2) § 60.45(h)(3) § 60.46(a) § 60.46(b)(3)	§ 60.45(h) [G]§ 60.45(h)(1) [G]§ 60.45(h)(2) § 60.45(h)(3)	§ 60.45(h)(3)
SPS3-4	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
SPS3-5	EP	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
SPS3-5	EU	REG2-2	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(c)	No person shall use liquid fuel with a sulfur content greater than 0.3% by weight, or allow emissions of SO ₂ to exceed 150 ppmv, based on 20% excess air, averaged over a 3-hour period.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SPS3-5	EU	R7105-1	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) § 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(a) § 117.145(f) § 117.145(f)(1) [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)
SPS3-5	EU	R7105-1	NO _x	30 TAC Chapter	§ 117.123(a)	Compliance with the NO _x	§ 117.123(c)	§ 117.123(d)	§ 117.123(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)
				117, Subchapter B	§ 117.123(b) § 117.123(b)(1) § 117.123(b)(2) § 117.123(b)(3) [G]§ 117.123(g) [G]§ 117.123(h) § 117.123(i) § 117.123(k) § 117.130(c) § 117.130(d) § 117.130(d)(1)	emission specifications §117.110 may be achieved by a source cap limitation. Each equipment category at a source whose individual emission units would otherwise be subject to the NOx emission specifications of §117.105 or §117.110 of this title may be included in the source cap as specified. All emission units not included in the source cap must comply with the requirements of §117.105, §117.110 or §117.115 of this title.	§ 117.123(c)(1) § 117.123(c)(1)(A) § 117.123(c)(2) § 117.123(f) [G]§ 117.135(a)(1) § 117.135(a)(3)(B) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 117.135(f)(4) § 117.135(g) § 117.140(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)	§ 117.145(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)(1)(B) § 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)		
SPS3-5	EU	60D-002	NO _x	40 CFR Part 60, Subpart D	§ 60.44(a)(1)	On/after the §60.8 test, no affected facility shall emit gases containing NO _x , expressed as NO ₂ in excess of 86 ng/J heat input (0.20 lb/MMBtu) derived from gaseous fossil fuel.	§ 60.45(a) § 60.45(b)(3) § 60.45(c) § 60.45(c)(1) § 60.45(c)(2) § 60.45(c)(3) § 60.45(c)(3)(i) § 60.45(c)(3)(ii) [G]§ 60.45(e) [G]§ 60.45(f) § 60.45(g) § 60.45(g)(3) § 60.45(g)(3)(i) § 60.46(a) § 60.46(b)(1) [G]§ 60.46(b)(5) [G]§ 60.46(d)(1) § 60.46(d)(5) § 60.46(d)(6) § 60.46(d)(7)	None	§ 60.45(g)
SPS3-5	EU	60D-002	PM (Opacity)	40 CFR Part 60, Subpart D	§ 60.42(a)(2)	On/after the §60.8 test, no affected facility shall emit gases exhibiting greater than 20% opacity except for one six minute period per hour of not more than 27% opacity.	§ 60.45(b)(1) § 60.45(b)(7) [G]§ 60.45(b)(7)(i) [G]§ 60.45(b)(7)(ii) § 60.45(b)(7)(iii) § 60.45(h) [G]§ 60.45(h)(1) [G]§ 60.45(h)(2) § 60.45(h)(3) § 60.46(a) § 60.46(b)(3)	§ 60.45(h) [G]§ 60.45(h)(1) [G]§ 60.45(h)(2) § 60.45(h)(3)	§ 60.45(h)(3)
SPS3-5	EU	63DDDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(12) § 63.7540(a)(13)	the boiler or process heater every 5 years as specified in § 63.7540.			§ 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
SPS3-9	EU	R117	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.103(b)(2)	Units exempted from §117.105 of this title [RACT] include any low annual capacity factor boiler, process heater, stationary gas turbine, or stationary internal combustion engine as defined in §117.10 of this title (relating to Definitions).	None	§ 117.140(i) § 117.145(f) § 117.145(f)(6) § 117.145(f)(6)(B)	[G]§ 117.140(m)
SPS3-9	EU	63ZZZZ-01	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)	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)
SPS4-1	EP	R1111-SPS4-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
SPS4-2	EP	R1111-SPS4-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

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						CEMS is installed.			
SPS4-3	EP	R1111-SPS4-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
SPS4-4	EP	R1111-SPS4-4	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
SRU2&3	EU	63UUU-03	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)	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 § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(a) § 63.1572(a)(1)	§ 63.1568(b)(1)-Table 31.1.a § 63.1568(c)(1)-Table 34.1.a § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1569(c)(1)-Table 39.5 § 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) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table 39.5 § 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1569(a)(1) § 63.1569(a)(1)(i)-Table 36.1 § 63.1569(a)(3) § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(b)(2) § 63.1569(b)(2)-Table 38.1.a § 63.1569(c)(1) § 63.1569(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)		§ 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)		§ 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(k)(2) [G]§ 63.1575(l) [G]§ 63.1576(b)
SRU5	EU	60J-SRU5	SO ₂	40 CFR Part 60, Subpart J	§ 60.104(a)(2)(i)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any Claus sulfur recovery plant with a reduction control system followed by incineration any gases containing in excess of 250 ppm by volume of SO ₂ at zero percent excess air.	[G]§ 60.105(a)(5) § 60.106(a) [G]§ 60.106(f)	[G]§ 60.105(a)(5)	§ 60.105(e)(4)(i) § 60.107(d) § 60.107(f) § 60.107(g)
SRU5	EU	63UUU-03	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)	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	§ 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	§ 63.1568(b)(1)-Table 31.1.a § 63.1568(c)(1)-Table 34.1.a § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1569(c)(1)-Table 39.5 § 63.1570(c)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table 39.5 § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(c) § 63.1574(d)

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					§ 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) § 63.1569(a)(1) § 63.1569(a)(1)(i)-Table 36.1 § 63.1569(a)(3) § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(b)(2) § 63.1569(b)(2)-Table 38.1.a § 63.1569(c)(1) § 63.1569(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)	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.	§ 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 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)	§ 63.1570(d) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1574(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)
SRU6	EU	60J-SRU6	SO ₂	40 CFR Part 60, Subpart J	§ 60.104(a)(2)(i)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any Claus sulfur recovery plant with a reduction control system followed by incineration any gases containing in excess of 250 ppm by volume of SO ₂ at zero percent excess air.	[G]§ 60.105(a)(5) § 60.106(a) [G]§ 60.106(f)	[G]§ 60.105(a)(5)	§ 60.105(e)(4)(i) § 60.107(d) § 60.107(f) § 60.107(g)
SRU6	EU	63UUU-03	SO ₂	40 CFR Part 63,	§ 63.1568(a)(1)-	For each new or existing	§ 63.1568(b)(1)	§ 63.1568(b)(1)-Table	§ 63.1568(b)(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)
				Subpart UUU	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) § 63.1569(a)(1) § 63.1569(a)(1)(i)-Table 36.1 § 63.1569(a)(3) § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(b)(2) § 63.1569(b)(2)-Table 38.1.a § 63.1569(c)(1) § 63.1569(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)	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)-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 § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 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)	31.1.a § 63.1568(c)(1)-Table 34.1.a § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1569(c)(1)-Table 39.5 § 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)(7) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table 39.5 § 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)
SRU7	EU	60J-SRU7	SO ₂	40 CFR Part 60, Subpart J	§ 60.104(a)(2)(i)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into	[G]§ 60.105(a)(5) § 60.106(a) [G]§ 60.106(f)	[G]§ 60.105(a)(5)	§ 60.105(e)(4)(i) § 60.107(d) § 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)
						the atmosphere from any Claus sulfur recovery plant with a reduction control system followed by incineration any gases containing in excess of 250 ppm by volume of SO ₂ at zero percent excess air.			
SRU7	EU	63UUU-03	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) § 63.1569(a)(1) § 63.1569(a)(1)(i)-Table 36.1 § 63.1569(a)(3) § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(b)(2) § 63.1569(b)(2)-Table 38.1.a	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 § 63.1569(b)(1) § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 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 § 63.1569(b)(1)-Table 37.1 § 63.1569(c)(1)-Table 39.1 § 63.1569(c)(1)-Table 39.5 § 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) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table 39.5 § 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)
					§ 63.1569(c)(1) § 63.1569(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)				
STGTU1-1	EU	60J-03	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)
STGTU1-2	EU	60J	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)
STGTU1-2	EU	63DDDDD	112(B)	40 CFR Part 63,	§ 63.7500(a)(1)-	A new or existing boiler or	§ 63.7515(d)	§ 63.7555(a)	§ 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)
		-HTR	HAPS	Subpart DDDDD	Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a)(1) § 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) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
STGTU2-1	EU	60J-03	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)
STGTU2-2	EU	60J	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).			
STGTU2-2	EU	63DDDDD-HTR	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) § 63.7540(a)(1) [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)
STGTU5-1	EU	60J-STGTU5-1	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)
STGTU6-1	EU	60J-STGTU6-1	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	§ 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii)	§ 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)
						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).	§ 60.106(a) [G]§ 60.106(e)(1)		
STGTU7-1	EU	60J-STGTU7-1	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)
SVPS5-1	EP	R1111-SVPS5-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
SVPS5-2	EP	R1111-SVPS5-2	Opacity	30 TAC Chapter 111, Visible	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not	[G]§ 111.111(a)(1)(F)	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)
				Emissions		exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	** See Periodic Monitoring Summary		
SWENG0002	EU	60IIII-04	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
SWENG0002	EU	60IIII-04	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102.	None	None	None
SWENG000	EU	60IIII-04	PM	40 CFR Part 60,	§ 60.4204(b)	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)
2				Subpart IIII	§ 60.4201(a) § 60.4206 [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).			
SWENG0002	EU	60IIII-04	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
SWENG0002	EU	63ZZZZ-1	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	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)
						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.			
SWENG2001	EU	60IIII-05	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
SWENG2001	EU	60IIII-05	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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	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)
						of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102.			
SWENG2001	EU	60IIII-05	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
SWENG2001	EU	60IIII-05	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
SWENG200	EU	63ZZZZ-1	112(B)	40 CFR Part 63,	§ 63.6590(c)	Stationary RICE subject to	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)
1			HAPS	Subpart ZZZZ		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.			
SWENG9003	EU	60IIII-06	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
SWENG9003	EU	60IIII-06	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 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	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)
					§ 60.4218 § 89.112(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 89.112(a) and 40 CFR 1039.102.			
SWENG9003	EU	60III-06	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
SWENG9003	EU	60III-06	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in	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)
						40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).			
SWENG9003	EU	63ZZZZ-1	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
SWENG9012	EU	60IIII-07	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
SWENG901	EU	60IIII-07	NMHC and	40 CFR Part 60,	§ 60.4204(b)	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)
2			NO _x	Subpart IIII	§ 60.4201(a) § 60.4206 [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 89.112(a) and 40 CFR 1039.102.			
SWENG9012	EU	60IIII-07	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	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 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
SWENG9012	EU	60IIII-07	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during 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)
						acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).			
SWENG9012	EU	63ZZZZ-1	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
TK 1908	EU	R5111	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 1937	EU	R5111	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	[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)
						requirements of this division.			
TK 1937	EU	63CC-TK1937	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)
TK 1938	EU	R5111	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 1938	EU	61FF-TK1938	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(b)(2) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(b)(3) § 61.343(c) § 61.343(d)	The owner/operator shall install, operate, and maintain a fixed roof as specified in §61.343(a)(1)(i).	§ 61.343(a)(1)(i)(A) § 61.343(c)	§ 61.356(d) § 61.356(g)	None
TK 1938	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.5.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.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)
					7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)				§ 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK 1939	EU	R5111	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 1939	EU	61FF-TK1939	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(b)(2) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(b)(3) § 61.343(c) § 61.343(d)	The owner/operator shall install, operate, and maintain a fixed roof as specified in §61.343(a)(1)(i).	§ 61.343(a)(1)(i)(A) § 61.343(c)	§ 61.356(d) § 61.356(g)	None
TK 1939	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.5.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	Subpart SS.		§ 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK 2067	EU	R5112-TK2067	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 2067	EU	63CC-TK2067	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)	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)(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(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)	§ 63.1063(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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)	to the requirements in §63.660(a)-(i).	§ 63.1063(d)(3) [G]§ 63.1063(d)(3)(i) § 63.660(a)(1) § 63.660(a)(2)	§ 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 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)
TK 2068	EU	R5112-TK2068	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 2068	EU	63CC-TK2068	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)(iii)(C)	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	§ 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)	§ 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)	§ 63.1063(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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)	WW of this part, according to the requirements in §63.660(a)-(i).	[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)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1)	§ 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)
TK 2069	EU	R5112-TK2069	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 2069	EU	63CC-TK2069	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)
TK 2073	EU	R5111	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 2073	EU	60QQQ-TK2073	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)	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) § 60.697(c) [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)(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) § 60.693-2(a)(4) § 60.693-2(a)(5)(ii) § 60.693-2(c)				
TK 2074	EU	R5111	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 2074	EU	60QQQ-TK2074	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) § 60.693-2(a)(4) § 60.693-2(a)(5)(ii) § 60.693-2(c)	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) § 60.697(c) [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)
TK 2075	EU	R5111	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 2075	EU	60QQQ-TK2075	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(b) § 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(b) § 60.696(a) [G]§ 60.696(b)	§ 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)	§ 60.695(b) § 60.698(b)(1) § 60.698(e)
TK 2075	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.5.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(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)
					§ 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)			[G]§ 63.999(c)(4)	
TK 2076	EU	R5111	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 2076	EU	60QQQ-TK2076	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(b) § 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(b) § 60.696(a) [G]§ 60.696(b)	§ 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)	§ 60.695(b) § 60.698(b)(1) § 60.698(e)
TK 2076	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.5.a.i § 63.2346(a)(6)-Table 4.1.b	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(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)
					§ 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	comply with 40 CFR 63 Subpart SS.		[G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK 2077	EU	R5111	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 2077	EU	60QQQ-TK2077	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(b) § 60.692-5(d) [G]§ 60.692-5(e)	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(b) § 60.696(a) [G]§ 60.696(b)	§ 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)	§ 60.695(b) § 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)
					§ 60.692-6(a) § 60.692-6(b) § 60.692-7(b)			§ 60.697(f)(3)(vii)	
TK 2077	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.5.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(C) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK 2078	EU	R5111	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 2078	EU	60QQQ-	VOC	40 CFR Part 60,	§ 60.692-3(a)	Except as noted, each oil-	§ 60.692-3(a)(4)	§ 60.697(a)	§ 60.695(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)
		TK2078		Subpart QQQ	§ 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(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications:	§ 60.695(b) § 60.696(a) [G]§ 60.696(b)	§ 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)	§ 60.698(b)(1) § 60.698(e)
TK 2078	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.5.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(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)
					§ 63.984(b)(3)				
TK 2085	EU	R5111	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 2085	EU	60QQQ-TK2085	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) § 60.693-2(a)(4) § 60.693-2(a)(5)(ii) § 60.693-2(c)	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) § 60.697(c) [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)
TK 2093	EU	R5111	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 2093	EU	63CC-TK2093	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b)	All storage vessels associated with petroleum	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i)	§ 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)
					§ 63.642(n)	refining process units meeting the criteria in §63.640(a) are part of the affected source.		§ 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 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)
TK 2094	EU	R5111	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 2094	EU	63CC-TK2094	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)
TK 2096	EU	R5112-TK2096	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 2096	EU	63CC-TK2096	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a)	For each Group 1 storage vessel for which the	§ 63.1063(c)(2) § 63.1063(c)(2)(i)	§ 63.1063(e)(2) § 63.1065	§ 63.1063(c)(2)(iv)(B) § 63.1066(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)
					§ 63.1062(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)	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)(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(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)(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)
TK 2097	EU	R5112-TK2097	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 2097	EU	63CC-	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)
		TK2097	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)(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)	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)
TK 2111	EU	R5111	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 2111	EU	63EEEE-05	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2346(a) § 63.2346(a)(1)-	The emissions from the storage tank are routed to a fuel gas system or back to a	§ 63.2350(d) § 63.2370(b) § 63.2374(a)	§ 63.2350(c) § 63.2350(d) § 63.2374(a)	§ 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					Table 2.1.a.ii § 63.2346(e) § 63.2346-Table 4.1.b § 63.2350(a) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(e) § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	process as specified in 40 CFR Part 63, subpart SS. If you comply with this paragraph, then you must also comply with the requirements specified in §63.2346(l).		[G]§ 63.2390(b) § 63.2394(a) § 63.2394(b) § 63.2394(c) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	7.2.b.i § 63.2370(c) § 63.2382(a) § 63.2382(b)(2) § 63.2382(c) § 63.2382(d)(1) [G]§ 63.2382(d)(2) § 63.2382(d)(3) § 63.2386(a) § 63.2386(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(b)(3) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.1.c § 63.2386(c) § 63.2386(c)(1) § 63.2386(c)(12) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(6) § 63.2386(c)(7) [G]§ 63.2386(c)(8) § 63.2386(d) § 63.2386(d)(2) § 63.2386(e) § 63.2386(f) [G]§ 63.2386(g) [G]§ 63.2386(i) [G]§ 63.2386(j) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(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)
TK 2113	EU	R5111	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 2115	EU	R5111	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 2120	EU	R5111	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 2120	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.5.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(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)
					§ 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)			§ 63.999(c)(1) [G]§ 63.999(c)(4)	
TK 2121	EU	R5111	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 2121	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.5.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)				
TK00001	EU	R5112-a1	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
TK00003	EU	R5112-a1	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
TK00004	EU	R5112-a1	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
TK00013	EU	R5112-a1	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
TK01247	EU	R5112-01	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)
TK01247	EU	63CC-02	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)(iii)(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)
TK01248	EU	R5112-01	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)
				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)
TK01248	EU	63CC-02	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01250	EU	R5112-01	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)
TK01250	EU	63CC-02	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01251	EU	R5112-01	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)
TK01251	EU	63CC-02	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01252	EU	R5112-01	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)
TK01252	EU	63CC-02	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01254	EU	R5112-01	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)
TK01254	EU	63CC-02	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01415	EU	R5112-02	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)
TK01415	EU	63CC-1	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)(vii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 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)
TK01475	EU	R5112-03	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)	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	§ 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)
					§ 115.112(a)(2)(E) § 115.112(a)(2)(F) § 115.114(a)(2)(A) § 115.114(a)(4)(A)	Table II(a).			
TK01475	EU	63CC-2	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)(iii)(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)
TK01490	EU	R5112-03	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)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device	§ 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)
					§ 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)	specified in Table I(a) or Table II(a).			
TK01490	EU	63CC-2	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)
TK01506	EU	R5111-a1	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	[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)
						1.5 psia is exempt from the requirements of this division.			
TK01506	EU	63EEEE-06	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
TK01507	EU	R5111-a1	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
TK01507	EU	63EEEE-06	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
TK01508	EU	R5111-a1	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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01508	EU	63EEEE-06	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
TK01509	EU	R5111-a1	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
TK01509	EU	63EEEE-06	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
TK01510	EU	R5112-03	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)
TK01510	EU	63CC-2	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)
TK01511	EU	R5112-03	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)
TK01511	EU	63CC-2	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)
TK01524	EU	R5111-a1	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
TK01524	EU	63CC-01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b)	All storage vessels associated with petroleum	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i)	§ 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)
					§ 63.642(n)	refining process units meeting the criteria in §63.640(a) are part of the affected source.		§ 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 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)
TK01525	EU	R5112-03	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)
TK01525	EU	63CC-2	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)(iii) § 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)	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)(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)				
TK01526	EU	R5111-a1	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
TK01526	EU	63CC-02	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)
TK01530	EU	R5112-04	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK01530	EU	61FF-05	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(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(a)(1)(i)(C)(2) §	§ 61.349(a)(1)(ii) § 61.354(c) § 61.354(c)(8) § 61.354(g)	§ 61.357(d)(7) § 61.357(d)(7)(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)
					61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 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)	routes all organic vapors vented from the tank to a control device.	61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(8) § 61.354(f)(2) § 61.354(g) [G]§ 61.355(h)	§ 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(ii) § 61.356(m)	
TK01530	EU	63EEEE-01	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2b.2.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(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)
					§ 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)			[G]§ 63.999(c)(4)	
TK01552	EU	R5111-a1	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
TK01552	EU	63CC-01	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)
TK01553	EU	R5112-03	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)
TK01553	EU	63CC-2	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)(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)	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)
TK01600	EU	R5111-a1	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
TK01600	EU	63CC-01	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	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi)	§ 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)
						meeting the criteria in §63.640(a) are part of the affected source.		§ 63.655(i)(6) § 63.660(a)(1)	§ 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)
TK01601	EU	R5112-03	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)
TK01601	EU	60Kb-01	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) § 60.113b(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)	§ 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)
							§ 60.116b(e)(2) § 60.116b(e)(2)(i)		
TK01601	EU	63CC-04	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) § 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)
TK01617	EU	R5111-a1	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
TK01617	EU	63EEEE-	112(B)	40 CFR Part 63,	§ 63.2346(a)(2)	Storage tanks that store	§ 63.2350(b)	§ 63.2394(a)	§ 63.2370(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)
		02	HAPS	Subpart EEEE	§ 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.2.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK01645	EU	R5111-a1	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
TK01650	EU	R5111-a1	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	[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)
						requirements of this division.			
TK01650	EU	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 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(a)(1)(i)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(2) § 61.354(g) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(g) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 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) § 61.356(j)(3)(ii) § 61.356(m)	§ 61.357(d)(7) § 61.357(d)(7)(v)
TK01651	EU	R5111-a1	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
TK01651	EU	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(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(a)(1)(i)(C)(2) §	§ 61.349(a)(1)(ii) § 61.354(g) § 61.356(d) § 61.356(f)	§ 61.357(d)(7) § 61.357(d)(7)(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)
					61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 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)	routes all organic vapors vented from the tank to a control device.	61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(2) § 61.354(g) [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(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)(ii) § 61.356(m)	
TK01663	EU	R5112-01	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)
TK01663	EU	60K-01	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	§ 60.113(a) § 60.113(b) ** See Periodic Monitoring Summary	§ 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)
						recovery system, or their equivalents.			
TK01663	EU	63CC-02	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)
TK01671	EU	R5112-02	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)				
TK01671	EU	63CC-1	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)(vii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 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)
TK01672	EU	R5111-a1	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
TK01672	EU	63CC-01	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)
TK01679	EU	R5111-a1	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
TK01679	EU	63CC-01	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)
TK01691	EU	R5111-a1	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
TK01691	EU	63CC-01	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(ii)
TK01697	EU	R5111-a1	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
TK01697	EU	63CC-01	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)
TK01698	EU	R5112-01	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)
TK01698	EU	60K	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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01698	EU	63CC-02	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)
TK01699	EU	R5112-01	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)
TK01699	EU	60K	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
TK01699	EU	63CC-02	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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01719	EU	R5111-a1	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
TK01719	EU	63CC-01	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)
TK01728	EU	R5111-a1(2)	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)(2) § 115.118(a)(5) § 115.118(a)(7)	None
TK01728	EU	63CC-01	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)
TK01740	EU	R5111-a1	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	[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)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
TK01740	EU	61FF-03	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d)	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)	§ 61.356(d) § 61.356(g)	None
TK01740	EU	63EEEE-02	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2346(a) § 63.2346(a)(1)-Table 2.1.a.ii § 63.2346(e) § 63.2346-Table 4.1.b § 63.2350(a) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(e) § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	The emissions from the storage tank are routed to a fuel gas system or back to a process as specified in 40 CFR Part 63, subpart SS. If you comply with this paragraph, then you must also comply with the requirements specified in §63.2346(l).	§ 63.2350(d) § 63.2370(b) § 63.2374(a)	§ 63.2350(c) § 63.2350(d) § 63.2374(a) [G]§ 63.2390(b) § 63.2394(a) § 63.2394(b) § 63.2394(c) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2370(c) § 63.2382(a) § 63.2382(b)(2) § 63.2382(c) § 63.2382(d)(1) [G]§ 63.2382(d)(2) § 63.2382(d)(3) § 63.2386(a) § 63.2386(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(b)(3) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.1.c § 63.2386(c) § 63.2386(c)(1) § 63.2386(c)(12) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(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)
									§ 63.2386(c)(7) [G]§ 63.2386(c)(8) § 63.2386(d) § 63.2386(d)(2) § 63.2386(e) § 63.2386(f) [G]§ 63.2386(g) [G]§ 63.2386(i) [G]§ 63.2386(j) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK01741	EU	R5112-05	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK01741	EU	61FF-03	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d)	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)	§ 61.356(d) § 61.356(g)	None
TK01741	EU	63EEEE-02	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2346(a) § 63.2346(a)(1)-Table 2.1.a.ii § 63.2346(e) § 63.2346-Table 4.1.b § 63.2350(a)	The emissions from the storage tank are routed to a fuel gas system or back to a process as specified in 40 CFR Part 63, subpart SS. If you comply with this paragraph, then you must also comply with the	§ 63.2350(d) § 63.2370(b) § 63.2374(a)	§ 63.2350(c) § 63.2350(d) § 63.2374(a) [G]§ 63.2390(b) § 63.2394(a) § 63.2394(b) § 63.2394(c) [G]§ 63.998(b)(1)	§ 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2370(c) § 63.2382(a) § 63.2382(b)(2) § 63.2382(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)
					§ 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(e) § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	requirements specified in §63.2346(l).		[G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2382(d)(1) [G]§ 63.2382(d)(2) § 63.2382(d)(3) § 63.2386(a) § 63.2386(b) [G]§ 63.2386(b)(1) [G]§ 63.2386(b)(2) § 63.2386(b)(3) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.1.c § 63.2386(c) § 63.2386(c)(1) § 63.2386(c)(12) § 63.2386(c)(2) § 63.2386(c)(3) § 63.2386(c)(4) § 63.2386(c)(6) § 63.2386(c)(7) [G]§ 63.2386(c)(8) § 63.2386(d) § 63.2386(d)(2) § 63.2386(e) § 63.2386(f) [G]§ 63.2386(g) [G]§ 63.2386(i) [G]§ 63.2386(j) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK01767	EU	R5112-03	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		
TK01767	EU	60Kb-01	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) § 60.113b(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)	§ 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)
TK01767	EU	63CC-02	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)	§ 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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]§ 60.113b(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)		§ 63.640(n)(8)(v)
TK01768	EU	R5112-01	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)
TK01768	EU	60Ka	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) §	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) § 60.115a(a)	§ 60.113a(a)(1)(i)(E) § 60.113a(a)(1)(iv)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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)		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)		
TK01768	EU	63CC-02	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)	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)				
TK01775	EU	R5112-03	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)
TK01775	EU	60Kb	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) § 60.113b(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)	§ 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)
TK01775	EU	63CC-04	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2)	Floating roof storage vessels described by	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2)	§ 60.115b [G]§ 60.115b(b)(3)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b) § 63.642(n)	§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(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)	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 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)
TK01787	EU	R5112-03	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)
TK01787	EU	60Kb	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2)	§ 60.115b [G]§ 60.115b(b)(3)	§ 60.113b(b)(4)(iii) § 60.113b(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)
						with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 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)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
TK01787	EU	63CC-4	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)	§ 60.115b [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(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)		
TK01803	EU	R5112-05	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK01803	EU	60QQQ-01	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 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)	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) § 60.695(b) § 60.696(a) [G]§ 60.696(b)	§ 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)	§ 60.695(b) § 60.698(b)(1) § 60.698(e)
TK01803	EU	61FF-03	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d)	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)	§ 61.356(d) § 61.356(g)	None
TK01803	EU	63EEEE-	112(B)	40 CFR Part 63,	§ 63.2346(a)(2)	Storage tanks that store	§ 63.2350(b)	§ 63.2394(a)	§ 63.2370(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)
		02	HAPS	Subpart EEEE	§ 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.2.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK01804	EU	R5112-05	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK01804	EU	60QQQ-01	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 60.692-1(a) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e)	Storage vessels, including slop oil tanks and other auxiliary tanks that are subject to the requirements of 40 CFR subparts K, Ka,	§ 60.692-3(a)(4) § 60.695(b) § 60.696(a) [G]§ 60.696(b)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.695(b) § 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)
					§ 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	or Kb, are not subject to the requirements of 40 CFR §60.692-3.		§ 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)	
TK01804	EU	61FF-03	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d)	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)	§ 61.356(d) § 61.356(g)	None
TK01804	EU	63EEEE-02	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.2.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2350(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(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)
					§ 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)				
TK01805	EU	R5111-a1	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
TK01805	EU	63CC-01	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)
TK01806	EU	R5111-a1	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
TK01806	EU	63CC-01	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01833	EU	63CC-01	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)
TK01838	EU	R5111-a1	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
TK01850	EU	R5112-05	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK01850	EU	63EEEE-02	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.2.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)				§ 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK01853	EU	R5111-a1	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
TK01853	EU	60QQQ-02	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(b) § 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)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 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)(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)
TK01853	EU	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A)	The owner or operator shall install, operate, and	§ 61.343(a)(1)(i)(A) §	§ 61.349(a)(1)(ii) § 61.354(g)	§ 61.357(d)(7) § 61.357(d)(7)(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)
					§ 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 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)	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)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(2) § 61.354(g) [G]§ 61.355(h)	§ 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 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) § 61.356(j)(3)(ii) § 61.356(m)	
TK01854	EU	R5111-a1	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
TK01854	EU	60QQQ-02	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)	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)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 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)	§ 60.698(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)
					§ 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)			§ 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)	
TK01854	EU	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 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(a)(1)(i)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(2) § 61.354(g) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(g) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 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) § 61.356(j)(3)(ii) § 61.356(m)	§ 61.357(d)(7) § 61.357(d)(7)(v)
TK01865	EU	R5111-a1	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	[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)
						requirements of this division.			
TK01865	EU	60QQQ-02	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(b) § 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)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 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)(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)
TK01865	EU	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv)	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(a)(1)(i)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(2) § 61.354(g) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(g) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 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) § 61.356(j)(3)(ii) § 61.356(m)	§ 61.357(d)(7) § 61.357(d)(7)(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)
					§ 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)				
TK01866	EU	R5111-a1	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
TK01866	EU	60QQQ-02	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(b) § 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)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 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)(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)
TK01866	EU	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) §	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(a)(1)(i)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f)	§ 61.349(a)(1)(ii) § 61.354(g) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h)	§ 61.357(d)(7) § 61.357(d)(7)(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)
					61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 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)		§ 61.354(d) § 61.354(f)(2) § 61.354(g) [G]§ 61.355(h)	§ 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(ii) § 61.356(m)	
TK01869	EU	R5111-a1	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
TK01869	EU	60QQQ-02	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(b) § 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)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 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)(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)
TK01869	EU	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 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(a)(1)(i)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(2) § 61.354(g) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(g) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 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) § 61.356(j)(3)(ii) § 61.356(m)	§ 61.357(d)(7) § 61.357(d)(7)(v)
TK01870	EU	R5111-a1	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
TK01870	EU	60QQQ-02	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)	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	§ 60.692-3(a)(4) § 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(c) [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)
					§ 60.692-3(e) § 60.692-3(f) § 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)	specifications:		§ 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)	
TK01870	EU	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 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(a)(1)(i)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(2) § 61.354(g) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(g) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 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) § 61.356(j)(3)(ii) § 61.356(m)	§ 61.357(d)(7) § 61.357(d)(7)(v)
TK01873	EU	63EEEE-02	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a)	Storage tanks that store organic liquids that meet the tank capacity and liquid	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a)	§ 63.2394(a) § 63.2394(b) § 63.2394(c)	§ 63.2370(c) § 63.2386(a) § 63.2386(b)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2346(a)(2)-Table 2.2.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK01876	EU	R5111-a1	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
TK01876	EU	60QQQ-02	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)	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)				
TK01876	EU	61FF-04	Benzene	40 CFR Part 61, Subpart FF	[G]§ 61.351(a) § 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)	None	§ 60.115b § 61.356(k)	§ 60.115b § 61.357(e) § 61.357(f)
TK01877	EU	R5111-a1	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
TK01877	EU	60QQQ-02	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)
TK01877	EU	61FF-04	Benzene	40 CFR Part 61, Subpart FF	[G]§ 61.351(a) § 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)	None	§ 60.115b § 61.356(k)	§ 60.115b § 61.357(e) § 61.357(f)
TK01884	EU	R5112-05	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)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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).			
TK01884	EU	63EEEE-02	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.2.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK01885	EU	R5112-03	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)	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)
					§ 115.114(a)(2)(A) § 115.114(a)(4)(A)				
TK01885	EU	60Kb	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) § 60.113b(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)	§ 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)
TK01885	EU	63CC-4	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)	§ 60.115b [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) § 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)		
TK01886	EU	R5112-03	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)
TK01886	EU	60Kb	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) § 60.113b(b)(4)(iii) § 60.113b(b)(5)	§ 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)(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)		
TK01886	EU	63CC-4	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) § 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01893	EU	R5111-a1	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
TK01893	EU	63CC-01	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)
TK01894	EU	R5111-a1	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
TK01894	EU	63CC-01	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)
TK01895	EU	R5112-03	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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		
TK01895	EU	60Kb	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) § 60.113b(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)	§ 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)
TK01895	EU	63CC-4	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) §	§ 60.115b [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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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)		§ 63.640(n)(8)(iv) § 63.640(n)(8)(v)
TK01900	EU	R5112-05	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK01900	EU	60QQQ-01	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 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)	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) § 60.695(b) § 60.696(a) [G]§ 60.696(b)	§ 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)	§ 60.695(b) § 60.698(b)(1) § 60.698(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(vii)	
TK01900	EU	61FF-05	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(iii)(A) § 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(a)(1)(i)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(8) § 61.354(f)(2) § 61.354(g) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(c) § 61.354(c)(8) § 61.354(g) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(ii) § 61.356(m)	§ 61.357(d)(7) § 61.357(d)(7)(v)
TK01900	EU	63EEEE-02	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.2.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(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)
					§ 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)				§ 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK01904	EU	R5112-01	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)
TK01904	EU	60Kb	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) § 60.113b(b)(4)(iii) § 60.113b(b)(5)	§ 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)(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)		
TK01904	EU	63CC-01	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) [G]§ 60.116b(e)(3) § 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)
TK01913	EU	R15112-	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)
		03		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)
TK01913	EU	60Kb	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) § 60.113b(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)	§ 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)
TK01913	EU	63CC-4	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)	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)-	[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) § 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)	(vii).	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(b)(4) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
TK01920	EU	R5112-03	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)
TK01920	EU	60Kb	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	[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) [G]§ 60.115b(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)
						§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)		§ 60.115b(b)(4)
TK01920	EU	63CC-4	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)	§ 60.115b [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)(i) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)		
TK01921	EU	R5111-a1	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
TK01922	EU	R5111-a1	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
TK01932	EU	R15111-a1	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
TK01932	EU	63CC-01	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK01933	EU	R5111-a1	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
TK01933	EU	63CC-01	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)
TK01934	EU	R5111-a1	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
TK01934	EU	63CC-01	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)
TK01942	EU	R5112-a1	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	[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)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
TK01942	EU	63CC-01	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)
TK01943	EU	R5112-a1	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
TK01945	EU	R5112-01	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)
TK01945	EU	60QQQ-01	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	§ 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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 §60.692-3.			
TK01945	EU	63CC-02	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) [G]§ 60.116b(e)(3) § 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)
TK02034	EU	R5112-02	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK02035	EU	R5111-a1	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)	
TK02035	EU	63CC-01	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)
TK02041	EU	R5111-a1	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
TK02041	EU	63CC-01	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)
TK02110	EU	R5111-a1(2)	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	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(2) § 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)
						requirements of this division.			
TK02122	EU	R5112-03	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(4) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(D) § 115.118(a)(5) § 115.118(a)(7)	None
TK02122	EU	60QQQ-02	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 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)	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) § 60.695(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(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)(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)
TK02122	EU	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(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(a)(1)(i)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(2) § 61.354(g)	§ 61.349(a)(1)(ii) § 61.354(g) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10)	§ 61.357(d)(7) § 61.357(d)(7)(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)
					§ 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 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)		[G]§ 61.355(h)	§ 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(ii) § 61.356(m)	
TK02122	EU	63CC-04	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.642(b) § 63.642(n) § 63.982(a)(1) § 63.982(c) § 63.982(c)(1) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.985(a) § 63.985(b)(3) § 63.997(c)(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 SS of this part, according to the requirements in §63.660(a)-(i).	§ 63.660(a)(1) § 63.660(a)(2) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.985(c)(2) § 63.997(c)(3)	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(v) § 63.655(i)(6) § 63.660(a)(1) § 63.983(b) [G]§ 63.983(d)(2) § 63.985(c)(2) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(1) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 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)(5) § 63.655(h) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(C) § 63.655(h)(6) § 63.655(h)(6)(ii) § 63.985(c)(1) § 63.997(c)(3) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(b)(2) § 63.999(c)(1) § 63.999(c)(2)(i) [G]§ 63.999(c)(4) [G]§ 63.999(c)(5)
TK02125	EU	R5111-a1	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	[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)
						1.5 psia is exempt from the requirements of this division.			
TK02126	EU	R5111-a1	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
TK02127	EU	R5111-a1	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
TK02127	EU	63CC-01	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)
TK02137	EU	63CC-01	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)
TK02139	EU	R5112-a1	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
TK02139	EU	63CC-01	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)
TK02140	EU	R5112-a1	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
TK02140	EU	63CC-01	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)
TK02141	EU	R5112-05	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	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 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)
						they are equipped with the appropriate control device specified in Table I(a) or Table II(a).		§ 115.118(a)(7)	
TK02141	EU	63CC-01	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)
TK02145	EU	R5112-03	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)
TK02145	EU	60Kb-01	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) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)	§ 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)(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)		
TK02145	EU	63CC-04	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) § 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)
TK02148	EU	R5112-05	VOC	30 TAC Chapter	§ 115.112(a)(1)	Tanks shall not store VOC	§ 115.115(a)	§ 115.118(a)(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)
				115, Storage of VOCs	§ 115.112(a)(3)	unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	
TK02148	EU	60QQQ-01	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 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)	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) § 60.695(b) § 60.696(a) [G]§ 60.696(b)	§ 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)	§ 60.695(b) § 60.698(b)(1) § 60.698(e)
TK02148	EU	61FF-05	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3)) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv)	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(a)(1)(i)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(8) § 61.354(f)(2) § 61.354(g) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.354(c) § 61.354(c)(8) § 61.354(g) § 61.356(d) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(ii) § 61.356(m)	§ 61.357(d)(7) § 61.357(d)(7)(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)
					§ 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)				
TK02148	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.5.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(2) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK08328	EU	R5111-a1	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.			
TK08328	EU	63CC-01	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)
TK08329	EU	R5111-a1	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
TK08329	EU	63CC-01	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)
TK08330	EU	R5111-a1	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
TK08330	EU	63CC-01	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)
TK08331	EU	R5111-a1	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
TK08331	EU	63CC-01	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)
TK1930	EU	R5112-01	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)(2) § 115.118(a)(5) § 115.118(a)(7)	None
TK1930	EU	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(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)
						(19,800 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/84.	§ 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)		
TK1930	EU	60QQQ-01	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) § 60.693-2(a)(4) § 60.693-2(a)(5)(ii) § 60.693-2(c)	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) § 60.697(c) [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)
TK1930	EU	61FF-01	Benzene	40 CFR Part 61, Subpart FF	[G]§ 61.351(a) § 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)	None	§ 60.115b § 61.356(k)	§ 60.115b § 61.357(e) § 61.357(f)
TK2040	EU	R5111-a1	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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK2040	EU	63CC-01	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)
TK21657	EU	R5111-a1	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
TK21657	EU	63CC-01	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)
TK21774	EU	R5111-a1	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
TK21774	EU	63CC-01	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	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						meeting the criteria in §63.640(a) are part of the affected source.		§ 63.655(i)(6) § 63.660(a)(1)	§ 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)
TK32451	EU	R5112-05	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK32451	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.2.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(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)
					§ 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)				
TK35142	EU	R5112-04	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK35142	EU	60Kb-04	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
TK35142	EU	60QQQ-03	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 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)	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) § 60.695(b) § 60.696(a) [G]§ 60.696(b)	§ 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)	§ 60.695(b) § 60.698(b)(1) § 60.698(e)
TK35143	EU	R5112-04	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	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 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)
						they are equipped with the appropriate control device specified in Table I(a) or Table II(a).		§ 115.118(a)(7)	
TK35143	EU	60Kb-04	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
TK35143	EU	60QQQ-04	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 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)	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) § 60.695(b) § 60.696(a) [G]§ 60.696(b)	§ 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)	§ 60.695(b) § 60.698(b)(1) § 60.698(e)
TK38568	EU	R5111-A1	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
TK38568	EU	60KB-01	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(a) and equipped	[G]§ 60.113b(c)(1) § 60.113b(c)(2)	§ 60.115b [G]§ 60.115b(c)	[G]§ 60.113b(c)(1) § 60.115b

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	§ 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	§ 60.116b(a) § 60.116b(b)	
TK38568	EU	60QQQ-01	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 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)	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) § 60.695(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(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)(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)
TK38568	EU	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(C) § 61.343(a)(1)(i)(C)(1)) § 61.343(a)(1)(i)(C)(2)) § 61.343(a)(1)(i)(C)(3))	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(a)(1)(i)(C)(2) § 61.343(a)(1)(i)(C)(3) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(2)	§ 61.349(a)(1)(ii) § 61.354(g) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(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) § 61.357(d)(7)(v)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(A) § 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)		§ 61.354(g) [G]§ 61.355(h)	§ 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(ii) § 61.356(m)	
TK38568	EU	63CC-03	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)	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)				
TK38624	EU	R5112-08	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK38624	EU	60QQQ-01	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(d) § 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)	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) § 60.695(b) § 60.696(a) [G]§ 60.696(b)	§ 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)	§ 60.695(b) § 60.698(b)(1) § 60.698(e)
TK38624	EU	61FF-01	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d)	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)	§ 61.356(d) § 61.356(g)	None
TK38624	EU	63EEEE-04	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.4.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3)	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i § 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)	Subpart SS.		§ 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1) § 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)
TK38630	EU	R5112-04	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 appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
TK38630	EU	63EEEE-03	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2346(a)(2) § 63.2342(e) § 63.2346(a) § 63.2346(a)(2)-Table 2.5.a.i § 63.2346(a)(6)-Table 4.1.b § 63.2346(l)(3) § 63.2370(a)-Table 7.1.b.i § 63.2370(a)-Table 7.2.b.i	Storage tanks that store organic liquids that meet the tank capacity and liquid vapor pressure criteria for control and route emissions to fuel gas systems or back into the process shall comply with 40 CFR 63 Subpart SS.	§ 63.2350(b) § 63.2358(b)(2) § 63.2374(a) § 63.2378(b)(2) § 63.984(a)(1) § 63.984(b)(1)	§ 63.2394(a) § 63.2394(b) § 63.2394(c) § 63.984(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(d)(2) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2370(c) § 63.2386(a) § 63.2386(b) § 63.2386(b)(1)(i) § 63.2386(b)(1)(ii) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)-Table 11.1.a § 63.2386(b)-Table 11.2.a.i § 63.984(a)(1)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2378(a) § 63.2378(a)-Table 10.6.a.i § 63.2378(b) § 63.2378(b)(1) § 63.2378(b)(3) § 63.2378(d) § 63.2378(e) § 63.980 § 63.982(a)(1) § 63.982(d) § 63.984(a)(1) § 63.984(b)(1) [G]§ 63.984(b)(2) § 63.984(b)(3)			§ 63.984(c) [G]§ 63.998(b)(3) § 63.999(b)(1) § 63.999(b)(1)(i) § 63.999(b)(1)(ii) § 63.999(c)(1) [G]§ 63.999(c)(4)	
TK38650	EU	R5112-06	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)
TK38650	EU	63CC-Kb	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)(vii) § 63.1063(b)(1)	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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.642(b) § 63.642(n) § 63.660(b)			§ 63.655(h)(6) § 63.655(h)(6)(ii)	
TK38660	EU	R5112-06	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)
TK38660	EU	63CC-Kb	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)(vii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 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)(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)

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					§ 63.642(b) § 63.642(n) § 63.660(b)				
VDCU1	EU	63CC-02	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)
VDCU2	EU	63CC-03	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)
VPS2ATM1 HT	EU	R7110-1a	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) § 117.8100(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)	§ 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)(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)		
VPS2ATM1 HT	EU	R7110-1a	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)(2) § 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) § 117.8100(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)	§ 117.145(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)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		
VPS2ATM1 HT	EU	63DDDDD	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) § 63.7540(a)(1) [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)
VPS2ATM2 HT	EU	R7110-1a	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) § 117.8100(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)(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
VPS2ATM2 HT	EU	R7110-1a	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)(2) § 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) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) §	§ 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
VPS2ATM2 HT	EU	63DDDDD	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) § 63.7540(a)(1) [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)
VPS2ATM3 HT	EU	R7110-1a	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	[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)	§ 117.145(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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(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)
VPS2ATM3 HT	EU	R7110-1a	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)(2) § 117.135(g) § 117.140(a)(2)(B) § 117.140(c)(1) [G]§ 117.140(c)(3) § 117.140(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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) § 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) § 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)
VPS2ATM3 HT	EU	63DDDDD	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) § 63.7540(a)(1) [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)
VPS2ATM4 HT	EU	R7110-1b	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)(B) § 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(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(f)(1) § 117.145(f)(9)	[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)
VPS2ATM4 HT	EU	R7110-1b	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)
VPS2ATM4 HT	EU	63DDDDD	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) § 63.7540(a)(1)	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	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(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]§ 63.7540(a)(10) § 63.7540(a)(13)	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]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7560(c)	[G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
VPS2VAC1 HT	EU	R7110-1a	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) § 117.8100(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]§	§ 117.145(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)(E) § 117.8100(a)(6) § 117.8120 § 117.8120(1) § 117.8120(1)(A)		
VPS2VAC1 HT	EU	R7110-1a	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)(2) § 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) § 117.8100(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)
VPS2VAC1 HT	EU	63DDDDD	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) § 63.7540(a)(1) [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)
VPS2VAC2 HT	EU	R7110-1a	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) § 117.8100(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)	§ 117.145(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)(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)		
VPS2VAC2 HT	EU	R7110-1a	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)(2) § 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) § 117.8100(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)	§ 117.145(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)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		
VPS2VAC2 HT	EU	63DDDDD	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) § 63.7540(a)(1) [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)
VPS4ATM1 HT	EU	R7110-4	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) § 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)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) [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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
VPS4ATM1 HT	EU	R7110-4	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)(2) § 117.135(g) § 117.140(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)	§ 117.145(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
VPS4ATM1 HT	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
VPS4ATM2 HT	EU	R7110-4	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) § 117.140(b)(1) § 117.140(b)(3)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) [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

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(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]§ 117.8010(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)
VPS4ATM2 HT	EU	R7110-4	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)(2) § 117.135(g) § 117.140(a) § 117.140(b)(1) § 117.140(b)(3) § 117.140(c)(1)	§ 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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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]§ 117.140(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)		§ 117.8010(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)
VPS4ATM2 HT	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
VPS4ATM3 HT	EU	R7110-4	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	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e)	§ 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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						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(g) § 117.140(a) § 117.140(b)(1) § 117.140(b)(3) § 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		[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)
VPS4ATM3 HT	EU	R7110-4	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) § 117.140(b)(1) § 117.140(b)(3) § 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)
VPS4ATM3 HT	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 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)
					§ 63.7540(a)(13)	in § 63.7540.			[G]§ 63.7550(c) [G]§ 63.7550(h)
VPS4HSRBL	EU	R7110-1b	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)
VPS4HSRBL	EU	R7110-1b	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)
VPS4HSRBL	EU	63DDDDD	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) § 63.7540(a)(1) [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)
VPS4VAC1 HT	EU	R7110-4	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) § 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)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) [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) § 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)		
VPS4VAC1 HT	EU	R7110-4	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)(2) § 117.135(g) § 117.140(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)	§ 117.145(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) § 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)(A) § 117.8100(a)(5)(B) [G]§ 117.8100(a)(5)(D) [G]§ 117.8100(a)(5)(E) § 117.8100(a)(6)		
VPS4VAC1 HT	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
VPS4VAC2 HT	EU	R7110-4	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) § 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)) §	§ 117.145(a) § 117.145(f) § 117.145(f)(1) [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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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(c)
VPS4VAC2 HT	EU	R7110-4	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)(2) § 117.135(g) § 117.140(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)	§ 117.145(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)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)(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]§ 117.8010(8) § 117.8100(c)
VPS4VAC2 HT	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
VPS5FE	EU	63CC-VPS5FE	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)
VPS5H1/2	EU	60J-VPS5H1/2	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)		
VPS5H1/2	EU	63DDDDD-HTR	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
VPS5H3/4	EU	60J-VPS5H3/4	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).			
VPS5H3/4	EU	63DDDDD-HTR	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
VPS5VAC1 HT	EU	60J-VPS5VAC 1HT	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)
VPS5VAC1 HT	EU	63DDDDD-HTR	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 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)
VPS5VAC2 HT	EU	60J-VPS5VAC 2HT	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)
VPS5VAC2 HT	EU	63DDDDD -HTR	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
WAPISEP	EU	R115	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
WAPISEP	EU	60QQQ	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)	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	§ 60.692-3(a)(4) § 60.695(b) § 60.696(a) [G]§ 60.696(b)	§ 60.697(a) § 60.697(c) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2)	§ 60.695(b) § 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(b) § 60.692-3(e) § 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)	specifications:		§ 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)	

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CAM Summary

Unit/Group/Process Information	
ID No.: PRO SRU 4	
Control Device ID No.: STGTU2-1	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R112-01
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum combustion temperature = 1100 degrees F	
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: ± 2% of reading; or ± 2.5 degrees Celsius.	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO SRU 4	
Control Device ID No.: STGTU2-1	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R112-01
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: SO ₂ Mass Emissions in Pounds per Hour	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: For stack flow rates less than or equal to 4000 scfm: Maximum SO ₂ in lb/hr = 123.4 + 0.091 x (stack effluent flowrate, scfm); For stack flow rates greater than 4000 scfm: Maximum SO ₂ in lb/hr = 0.614 x (stack effluent flowrate, scfm) ^{0.8042}	
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record the mass emissions rate of sulfur dioxide expressed in pounds per hour 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.	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO SRU 5-1	
Control Device ID No.: STGTU5-1	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: 112SRU5-1
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum combustion temperature = 1100 degrees F	
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: ± 2% of reading; or ± 2.5 degrees Celsius.	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO SRU 5-1	
Control Device ID No.: STGTU5-1	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: 112SRU5-1
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: SO ₂ Mass Emissions in Pounds per Hour	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: For stack flow rates less than or equal to 4000 scfm: Maximum SO ₂ in lb/hr = 123.4 + 0.091 x (stack effluent flowrate, scfm); For stack flow rates greater than 4000 scfm: Maximum SO ₂ in lb/hr = 0.614 x (stack effluent flowrate, scfm) ^{0.8042}	
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record the mass emissions rate of sulfur dioxide expressed in pounds per hour 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.	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO SRU 6-1	
Control Device ID No.: STGTU6-1	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: 112SRU6-1
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum combustion temperature = 1100 degrees F	
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: ± 2% of reading; or ± 2.5 degrees Celsius.	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO SRU 6-1	
Control Device ID No.: STGTU6-1	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: 112SRU6-1
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: SO ₂ Mass Emissions in Pounds per Hour	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: For stack flow rates less than or equal to 4000 scfm: Maximum SO ₂ in lb/hr = 123.4 + 0.091 x (stack effluent flowrate, scfm); For stack flow rates greater than 4000 scfm: Maximum SO ₂ in lb/hr = 0.614 x (stack effluent flowrate, scfm) ^{0.8042}	
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record the mass emissions rate of sulfur dioxide expressed in pounds per hour 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.	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO SRU 7-1	
Control Device ID No.: STGTU7-1	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: 112SRU7-1
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum combustion temperature = 1100 degrees F	
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: ± 2% of reading; or ± 2.5 degrees Celsius.	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO SRU 7-1	
Control Device ID No.: STGTU7-1	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: 112SRU7-1
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: SO ₂ Mass Emissions in Pounds per Hour	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: For stack flow rates less than or equal to 4000 scfm: Maximum SO ₂ in lb/hr = 123.4 + 0.091 x (stack effluent flowrate, scfm); For stack flow rates greater than 4000 scfm: Maximum SO ₂ in lb/hr = 0.614 x (stack effluent flowrate, scfm) ^{0.8042}	
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record the mass emissions rate of sulfur dioxide expressed in pounds per hour 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.	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO SRU2&3	
Control Device ID No.: STGTU1-1	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R112-01
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum combustion temperature = 1100 degrees F	
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: ± 2% of reading; or ± 2.5 degrees Celsius.	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO SRU2&3	
Control Device ID No.: STGTU1-1	Control Device Type: Sulfur recovery unit with incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R112-01
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: SO ₂ Mass Emissions in Pounds per Hour	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: For stack flow rates less than or equal to 4000 scfm: Maximum SO ₂ in lb/hr = 123.4 + 0.091 x (stack effluent flowrate, scfm); For stack flow rates greater than 4,000 scfm Maximum SO ₂ in lb/hr = 0.614 x (stack effluent flowrate, scfm) ^{0.8042}	
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record the mass emissions rate of sulfur dioxide expressed in pounds per hour 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.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: FCCU3CHGHT	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-6a
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: HCU1FRCRBL	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: HCU1PFRBL	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: HCU1RAC1HT	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1a
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: HCU1RAC2HT	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: HTU 3 RBL	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: HTU2CHGHTR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: HTU2RBL	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: HTU3CHGHTR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: LCDU C HTR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1a
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: MPU3EXTHTR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-6a
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: MPU3ROHTR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1a
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: MPU4ROHTR	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SCDHDS1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1a
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SCDHYDRO/SCH	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1a
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SCRU5-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-SCRU5-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: Opacity less than or equal to 15%	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SCRU5-2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-SCRU5-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: Opacity less than or equal to 15%	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SDCU1-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-2
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SDCU1-2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-2
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppm	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SFCCU3-2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Maximum opacity = 30% averaged over a 6 minute period	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SHCU1-5	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SHCU2-5	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-SHCU2-5
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: Opacity less than or equal to 15%	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SHTU4-4	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-6a
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SHTU5	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1a
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SMPU4C	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-6a
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SNHTU2-3	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-SNHTU2-3
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: Opacity less than or equal to 15%	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SPS3-4	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-2
Pollutant: SO ₂	Main Standard: § 112.9(c)
Monitoring Information	
Indicator: Sulfur Content of Fuel	
Minimum Frequency: Quarterly and within 24 hours of any fuel change	
Averaging Period: N/A	
Deviation Limit: Liquid fuel maximum sulfur content limit =0.3%	
Periodic Monitoring Text: Measure and record the sulfur content of the fuel. Any monitoring data above the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SPS3-5	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-2
Pollutant: SO ₂	Main Standard: § 112.9(c)
Monitoring Information	
Indicator: Sulfur Content of Fuel	
Minimum Frequency: Quarterly and within 24 hours of any fuel change	
Averaging Period: N/A	
Deviation Limit: Liquid fuel maximum sulfur content limit = 0.3%	
Periodic Monitoring Text: Measure and record the sulfur content of the fuel. Any monitoring data above the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SPS4-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-SPS4-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: Opacity less than or equal to 15%	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SPS4-2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-SPS4-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: Opacity less than or equal to 15%	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SPS4-3	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-SPS4-3
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: Opacity less than or equal to 15%	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SPS4-4	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-SPS4-4
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: Opacity less than or equal to 15%	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SVPS5-1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-SVPS5-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: Opacity less than or equal to 15%	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: SVPS5-2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-SVPS5-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: Opacity less than or equal to 15%	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TK01663	
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-01
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: Any defects in the floating roof or seals which are not repaired within 45 days shall be considered and reported as a deviation.	
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 which were not repaired within 45 days shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TK01698	
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
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: Any defects in the floating roof or seals which are not repaired within 45 days shall be considered and reported as a deviation.	
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 which were not repaired within 45 days shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TK01699	
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
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: Any defects in the floating roof or seals which are not repaired within 45 days shall be considered and reported as a deviation.	
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 which were not repaired within 45 days shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TK01741	
Control Device ID No.: CVS	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-05
Pollutant: VOC	Main Standard: § 115.112(a)(1)
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.: TK01741	
Control Device ID No.: CVS	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-05
Pollutant: VOC	Main Standard: § 115.112(a)(1)
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.: TK35142	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-04
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: VOC emissions equal to or greater than 500 ppm above background from leaks that are not repaired within 15 days shall be reported as a deviation.	
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.: TK35142	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-04
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: Defects in the vapor collection system shall be reported as a deviation.	
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.: TK35143	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-04
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: VOC emissions equal to or greater than 500 ppm above background from leaks that are not repaired within 15 days shall be reported as a deviation.	
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.: TK35143	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-04
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: Defects in the vapor collection system shall be reported as a deviation.	
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.: TK38568	
Control Device ID No.: SREGCARB	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-01
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration (ppm)	
Minimum Frequency: Per design analysis.	
Averaging Period: N/A	
Deviation Limit: Deviating from the requirements of 40 CFR § 61.349(c)(1) and § 61.356(f)(2)(i).	
Periodic Monitoring Text: Conduct Method 21 VOC monitoring procedures established under 40 CFR Part 61, Subpart FF, §§ 61.356(f)(1) and 356(f)(2)(i)(G).	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TK38568	
Control Device ID No.: TK38568	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-01
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: VOC emissions equal to or greater than 500 ppm above background from leaks that are not repaired within 15 days shall be reported as a deviation.	
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.: TK38568	
Control Device ID No.: TK38568	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-01
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: Defects in the vapor collection system shall be reported as a deviation.	
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.: VPS2ATM4HT	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VPS4ATM3HT	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-4
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: VPS4HSRBL	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7110-1b
Pollutant: CO	Main Standard: § 117.110(c)(1)
Monitoring Information	
Indicator: CO effluent stream concentration, ppmv	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: 400 ppmv at 3.0% O ₂ , dry basis	
Periodic Monitoring Text: Conduct annual process heater tune-up required by 40 CFR Part 63, Subpart DDDDD. In accordance with 63.7540(a)(10), perform optimization of total emissions of CO consistent with manufacturer's specifications and any NO_x requirement to which the process heater is subject. Measure the concentrations of CO in ppmv in the effluent stream using a portable CO analyzer before and after the tune-up. Any portable analyzer reading that exceeds 400 ppmv CO shall be considered and reported as a deviation.	

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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
004TK001	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 19,000 gallons.
004TK001	N/A	40 CFR Part 63, Subpart CC	Tank does not contain any of the hazardous air pollutants listed in Table 1 of MACT CC.
208TK38629	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction, or modification commenced after May 19, 1978.
208TK38629	N/A	40 CFR Part 60, Subpart Ka	Commenced construction or modification after July 23, 1984.
208TK38629	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity is greater than 39,900 gallons and stores a liquid with a maximum true vapor pressure less than 0.5 psia.
208TK38629	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
208TK38629	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
208TK38629	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
208TK38629	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
815PU13640	N/A	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
815PU13660	N/A	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
815PU13661	N/A	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
815PU13662	N/A	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
815PU13663	N/A	30 TAC Chapter 117, Subchapter B	New units placed into service after November 15, 1992 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
835GEN001	N/A	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
835GEN001	N/A	40 CFR Part 60, Subpart JJJJ	Construction did not commence after June 12, 2006.
BOILER 46	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not burn liquid or solid fossil fuels.
BOILER 46	N/A	30 TAC Chapter 117, Subchapter B	New boiler placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
CEPFUG	N/A	40 CFR Part 60, Subpart GGG	Equipment leaks that are subject to standards promulgated before September 4, 2007 are required to comply only with the provisions specified in MACT CC.
CEPFUG	N/A	40 CFR Part 60, Subpart GGGa	Construction, reconstruction or modification commenced before November 7, 2006.
CRU4 DPREB	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
CRU4INTHT1	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid fuel or solid fossil fuel
CRU4INTHT2	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid fuel or solid fossil fuel
CRU4NHTCHT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
CRU4PLATHT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
CRU4SRBL	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
CRU5FE	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
CRU5INTHT1	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
CRU5INTHT1	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
CRU5INTHT1	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
CRU5INTHT2	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
CRU5INTHT2	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
CRU5INTHT2	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
CRU5INTHT3	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
CRU5INTHT3	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
CRU5INTHT3	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
CRU5PLATHT	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
CRU5PLATHT	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
CRU5PLATHT	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
DCU2ENG3102	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992, and not a functionally identical replacement.
DCU2ENG3124	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992, and not a functionally identical replacement.
DCU2FE	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
EMERGEN	N/A	30 TAC Chapter 117, Subchapter B	Unit placed into service after November 15, 1992 and is not a functionally identical replacement for an existing unit.
EMERGEN	N/A	40 CFR Part 60, Subpart IIII	Construction, reconstruction or modification commenced before July 11, 2005.
FCCU3	N/A	40 CFR Part 60, Subpart J	Construction, reconstruction or modification commenced before June 11, 1973.
FCCU3 COB	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
FCCU3 COB	N/A	30 TAC Chapter 117, Subchapter B	Does not meet the definition of a boiler.
FCCU3 COB	N/A	40 CFR Part 63, Subpart DDDDD	The definition of boiler in MACT DDDDD

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			excludes waste heat boilers
FCCU3CHGHT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
FK33PH	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
FKARU3	N/A	40 CFR Part 63, Subpart CC	Cooling tower is not in organic HAP service.
FKARU3	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
FKCRU4	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
FKDCU1	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
FKFCCU1/2	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
FKFCCU3	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
FKHTU1&2	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
FKHTU3	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8,

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			1994.
FKMPU4	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
FKPS3	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
FKVPS2	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
FKVPS4	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
GEN9697	N/A	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
GEN9697	N/A	40 CFR Part 60, Subpart JJJJ	Construction did not commence after June 12, 2006.
GRPEMG755	EQ16382, EQ16383	30 TAC Chapter 117, Subchapter B	New units placed into service after November 15, 1992 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
GRPENG02-	PU6258, PU9025	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
GRPENG02-	PU6258, PU9025	40 CFR Part 60, Subpart IIII	Construction did not commence after July 11, 2005.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRPENG92-	PU8942, PU8946, PU8949, PU9021, PU9023	40 CFR Part 60, Subpart IIII	Construction did not commence after July 11, 2005.
GRPFWP	PU10129, PU11026	30 TAC Chapter 117, Subchapter B	New units placed into service after November 15, 1992 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
GRPSWENG1	815PU13636, 815PU13637, 815PU13641, 815PU13643, 815PU13644, 815PU13655, 815PU13664, 815PU13665	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
GRPSWENG2	815PU13638, 815PU13639, 815PU13642, 815PU13645, 815PU13646, 815PU13651, 815PU13652, 815PU13656, 815PU13657	30 TAC Chapter 117, Subchapter B	New units placed into service after November 15, 1992 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
GRPSWENG3	815PU13658, 815PU13659, 815PU13666	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
GT 34	N/A	30 TAC Chapter 117, Subchapter B	Placed into service after November 15, 1992 and not qualified as a functionally identical replacement
GT 34	N/A	40 CFR Part 60, Subpart GG	Construction, reconstruction or modification commenced before October 3, 1977.
GT 34	N/A	40 CFR Part 63, Subpart YYYY	Existing stationary combustion turbines as defined in §63.6090(a)(1) do not have to meet the requirements of 40 CFR Part 63, Subpart YYYY and Subpart A.
GT 35	N/A	30 TAC Chapter 117, Subchapter B	Placed into service after November 15, 1992 and not qualified as a functionally identical

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			replacement
GT 35	N/A	40 CFR Part 63, Subpart YYYY	Existing stationary combustion turbines as defined in §63.6090(a)(1) do not have to meet the requirements of 40 CFR Part 63, Subpart YYYY and Subpart A.
GTG41	N/A	30 TAC Chapter 117, Subchapter B	New turbine placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
GTG41	N/A	40 CFR Part 60, Subpart GG	Stationary combustion turbines regulated under NSPS KKKK are exempt from the requirements of NSPS GG.
GTG42	N/A	30 TAC Chapter 117, Subchapter B	New turbine placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
GTG42	N/A	40 CFR Part 60, Subpart GG	Stationary combustion turbines regulated under NSPS KKKK are exempt from the requirements of NSPS GG.
GTG43	N/A	30 TAC Chapter 117, Subchapter B	New turbine placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
GTG43	N/A	40 CFR Part 60, Subpart GG	Stationary combustion turbines regulated under NSPS KKKK are exempt from the requirements of NSPS GG.
GTG44	N/A	30 TAC Chapter 117, Subchapter B	New turbine placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
GTG44	N/A	40 CFR Part 60, Subpart GG	Stationary combustion turbines regulated under

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			NSPS KKKK are exempt from the requirements of NSPS GG.
HCU1FRCRBL	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
HCU1FRCRBL	N/A	40 CFR Part 60, Subpart J	Construction, reconstruction or modification commenced before June 11, 1973.
HCU1PFRBL	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
HCU1PFRBL	N/A	40 CFR Part 60, Subpart J	Construction, reconstruction or modification commenced before June 11, 1973.
HCU1RAC1HT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
HCU1RAC2HT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
HCU2DH1H1	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
HCU2DH1H1	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
HCU2DH1H1	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
HCU2H1A	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
HCU2H1A	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
HCU2H1A	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
HCU2H1B	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
HCU2H1B	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
HCU2H1B	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
HCU2H2	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
HCU2H2	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
HCU2H2	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
HRSG41	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not burn liquid or solid fossil fuels.
HRSG41	N/A	30 TAC Chapter 117, Subchapter B	New boiler placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
HRSG42	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not burn liquid or solid fossil fuels.
HRSG42	N/A	30 TAC Chapter 117, Subchapter B	New boiler placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
HRSG43	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not burn liquid or solid fossil fuels.
HRSG43	N/A	30 TAC Chapter 117, Subchapter B	New boiler placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
HRSG44	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not burn liquid or solid fossil fuels.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
HRSG44	N/A	30 TAC Chapter 117, Subchapter B	New boiler placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
HTU 3 RBL	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
HTU2CHGHTR	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
HTU2CHGHTR	N/A	40 CFR Part 60, Subpart J	Construction, reconstruction or modification commenced before June 11, 1973.
HTU2RBL	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
HTU2RBL	N/A	40 CFR Part 60, Subpart J	Construction, reconstruction or modification commenced before June 11, 1973.
HTU3CHGHTR	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
HTU6CHGH1	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
HTU6CHGH1	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
HTU6CHGH1	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
HTU6CHGH2	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
HTU6CHGH2	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
HTU6CHGH2	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
LCDU C HTR	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
LCDU R HTR	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
LCDU R HTR	N/A	30 TAC Chapter 117, Subchapter B	Maximum rated capacity is less than 40 MMBtu/hr
MPU3EXTHTR	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
MPU3ROHTR	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
MPU3ROHTR	N/A	40 CFR Part 60, Subpart J	Construction, reconstruction or modification commenced before June 11, 1973.
MPU4EXTHTR	N/A	30 TAC Chapter 117, Subchapter B	Maximum rated capacity is less than 40 MMBtu/hr.
MPU4ROHTR	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
NHTU2CHT	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
NHTU2CHT	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
NHTU2CHT	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
NHTU2SPLT	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
NHTU2SPLT	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
NHTU2SPLT	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
NHTU2STRP	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
NHTU2STRP	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
NHTU2STRP	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
PORTPE7308	N/A	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
PRO SRU 4	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
PRO SRU 5-1	N/A	40 CFR Part 63, Subpart CC	Sulfur plant vents are not defined as affected sources under MACT CC.
PRO SRU 6-1	N/A	40 CFR Part 63, Subpart CC	Sulfur plant vents are not defined as affected sources under MACT CC.
PRO SRU 7-1	N/A	40 CFR Part 63, Subpart CC	Sulfur plant vents are not defined as affected sources under MACT CC.
PRO SRU2&3	N/A	40 CFR Part 60, Subpart J	Construction, reconstruction or modification commenced before October 4, 1976.
PS4FE	N/A	40 CFR Part 63, Subpart CC	This cooling tower is not in organic HAP service.
PS4FE	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
PU10812	N/A	30 TAC Chapter 117, Subchapter B	New units placed into service after November 15, 1992 are exempt from 30 TAC Chapter 117,

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			Subchapter B, Division 1.
PU8940	N/A	30 TAC Chapter 117, Subchapter B	Stationary internal combustion engines with a HP rating of less than 300 are exempt from 30 TAC Chapter 117, Subchapter B, Division 1.
RESENG1008	N/A	30 TAC Chapter 117, Subchapter B	Placed into service after November 15, 1992, not a functionally identical replacement
RESENG2005	N/A	30 TAC Chapter 117, Subchapter B	Placed into service after November 15, 1992, not a functionally identical replacement
SCDHDS1	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
SCDHYDRO/SCH	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
SCHCU2-5	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
SCHCU2-5	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
SCHCU2-5	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
SCRU5-3	N/A	40 CFR Part 63, Subpart CC	Catalytic reformer vents are not affected sources under MACT CC.
SDCU1-1	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
SDCU1-2	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
SDCU2-1	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
SDCU2-1	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			unit.
SDCU2-1	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
SDCU2-2	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
SDCU2-2	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
SDCU2-2	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
SDCU2-3	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
SDCU2-3	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
SDCU2-3	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
SFCCU3-2	N/A	30 TAC Chapter 117, Subchapter B	Does not meet the definition of a process heater or a boiler (not a fired source)
SFCCU3-2	N/A	40 CFR Part 63, Subpart CC	Is not a miscellaneous process vent according to §63.641.
SHCU1-5	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fuel
SHTU3-3	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fuel
SHTU3-3	N/A	30 TAC Chapter 117, Subchapter B	Maximum rated capacity is less than 40 MMBtu/hr

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
SHTU4-1	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
SHTU4-1	N/A	30 TAC Chapter 117, Subchapter B	Maximum rated capacity is less than 40 MMBtu/hr
SHTU4-2	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
SHTU4-2	N/A	30 TAC Chapter 117, Subchapter B	Maximum rated capacity is less than 40 MMBtu/hr
SHTU4-3	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
SHTU4-3	N/A	30 TAC Chapter 117, Subchapter B	Maximum rated capacity is less than 40 MMBtu/hr
SHTU4-4	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
SMPU4C	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
SPS3-4	N/A	30 TAC Chapter 115, Vent Gas Controls	A combustion unit exhaust stream is exempt from this division provided that the unit is not being used as a control device for any vent gas stream which is subject to this division and which originates from a non-combustion source
SPS3-4	N/A	40 CFR Part 60, Subpart Da	Construction, reconstruction or modification commenced before September 18, 1978.
SPS3-4	N/A	40 CFR Part 60, Subpart Db	Construction, reconstruction or modification commenced before June 19, 1984.
SPS3-4	N/A	40 CFR Part 60, Subpart Dc	Construction, reconstruction or modification commenced before June 9, 1989.
SPS3-5	N/A	30 TAC Chapter 115, Vent Gas Controls	A combustion unit exhaust stream is exempt from this division provided that the unit is not

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			being used as a control device for any vent gas stream which is subject to this division and which originates from a non-combustion source
SPS3-5	N/A	40 CFR Part 60, Subpart Da	Construction, reconstruction or modification commenced before September 18, 1978.
SPS3-5	N/A	40 CFR Part 60, Subpart Db	Construction, reconstruction or modification commenced before June 19, 1984.
SPS3-5	N/A	40 CFR Part 60, Subpart Dc	Construction, reconstruction or modification commenced before June 9, 1989.
SPS3WHB	N/A	30 TAC Chapter 112, Sulfur Compounds	Boiler does not burn liquid or solid fossil fuel.
SPS3WHB	N/A	30 TAC Chapter 117, Subchapter B	Duct burner used in turbine exhaust is exempt from the 30 TAC § 117.105 (Emission Specifications for Reasonably Available Control Technology) and 30 TAC § 117.110 (Emission Specifications for Attainment Demonstration).
SPS3WHB	N/A	40 CFR Part 60, Subpart D	Heat input capacity is less than 250 MMBtu/hr.
SPS3WHB	N/A	40 CFR Part 60, Subpart Da	Heat input capacity is less than 250 MMBtu/hr.
SPS3WHB	N/A	40 CFR Part 60, Subpart Db	Construction, reconstruction or modification commenced before June 19, 1984.
SPS3WHB	N/A	40 CFR Part 60, Subpart Dc	Construction, reconstruction or modification commenced before June 9, 1989.
SPS3WHB	N/A	40 CFR Part 63, Subpart DDDDD	The definition of boiler in MACT DDDDD excludes waste heat boilers
SPS4-1	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion unit exhaust stream from a unit which is not used as a control device for any vent gas stream subject to 30 TAC Chapter 115,

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			Division 2.
SPS4-1	N/A	40 CFR Part 63, Subpart CC	Vent does not contain any of the hazardous air pollutants listed in Table 1 of MACT CC.
SPS4-2	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion unit exhaust stream from a unit which is not used as a control device for any vent gas stream subject to 30 TAC Chapter 115, Division 2.
SPS4-2	N/A	40 CFR Part 63, Subpart CC	Vent does not contain any of the hazardous air pollutants listed in Table 1 of MACT CC.
SPS4-3	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion unit exhaust stream from a unit which is not used as a control device for any vent gas stream subject to 30 TAC Chapter 115, Division 2.
SPS4-3	N/A	40 CFR Part 63, Subpart CC	Vent does not contain any of the hazardous air pollutants listed in Table 1 of MACT CC.
SPS4-4	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion unit exhaust stream from a unit which is not used as a control device for any vent gas stream subject to 30 TAC Chapter 115, Division 2.
SPS4-4	N/A	40 CFR Part 63, Subpart CC	Vent does not contain any of the hazardous air pollutants listed in Table 1 of MACT CC.
SRU2&3	N/A	40 CFR Part 60, Subpart J	Construction, reconstruction or modification commenced before October 4, 1976.
STGTU1-1	N/A	30 TAC Chapter 111, Incineration	Incinerator does not burn domestic, municipal, commercial, or industrial solid waste.
STGTU1-2	N/A	30 TAC Chapter 112, Sulfur Compounds	Heater does not burn solid fossil fuel.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
STGTU1-2	N/A	30 TAC Chapter 117, Subchapter B	Maximum rated capacity of heater is less than 40 MMBtu/hr.
STGTU2-1	N/A	30 TAC Chapter 111, Incineration	Incinerator does not burn domestic, municipal, commercial, or industrial solid waste.
STGTU2-2	N/A	30 TAC Chapter 112, Sulfur Compounds	Heater does not burn solid fossil fuel.
STGTU2-2	N/A	30 TAC Chapter 117, Subchapter B	Maximum rated capacity of heater is less than 40 MMBtu/hr.
STGTU5-1	N/A	30 TAC Chapter 111, Incineration	Unit does not burn domestic, municipal, commercial, or industrial solid waste.
STGTU5-1	N/A	40 CFR Part 60, Subpart E	Unit does not burn solid waste; does not meet the definition of incinerator under NSPS E.
STGTU6-1	N/A	30 TAC Chapter 111, Incineration	Unit does not burn domestic, municipal, commercial, or industrial solid waste.
STGTU6-1	N/A	40 CFR Part 60, Subpart E	Unit does not burn solid waste; does not meet the definition of incinerator under NSPS E.
STGTU7-1	N/A	30 TAC Chapter 111, Incineration	Unit does not burn domestic, municipal, commercial, or industrial solid waste.
STGTU7-1	N/A	40 CFR Part 60, Subpart E	Unit does not burn solid waste; does not meet the definition of incinerator under NSPS E.
SWENG0002	N/A	30 TAC Chapter 117, Subchapter B	Placed into service after November 15, 1992, not a functionally identical replacement
SWENG0002	N/A	40 CFR Part 60, Subpart JJJJ	Unit is not a spark ignition stationary internal combustion engine.
SWENG2001	N/A	30 TAC Chapter 117, Subchapter B	Placed into service after November 15, 1992, not a functionally identical replacement

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
SWENG2001	N/A	40 CFR Part 60, Subpart JJJJ	Unit is not a spark ignition stationary internal combustion engine.
SWENG9003	N/A	30 TAC Chapter 117, Subchapter B	Placed into service after November 15, 1992, not a functionally identical replacement
SWENG9003	N/A	40 CFR Part 60, Subpart JJJJ	Unit is not a spark ignition stationary internal combustion engine.
SWENG9012	N/A	30 TAC Chapter 117, Subchapter B	Placed into service after November 15, 1992, not a functionally identical replacement
SWENG9012	N/A	40 CFR Part 60, Subpart JJJJ	Unit is not a spark ignition stationary internal combustion engine.
TK 1908	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.
TK 1908	N/A	40 CFR Part 63, Subpart CC	Tank does not contain any of the hazardous air pollutants listed in Table 1 of MACT CC.
TK 1928	N/A	30 TAC Chapter 115, Storage of VOCs	Tank stores material containing no VOC.
TK 1928	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.
TK 1928	N/A	40 CFR Part 63, Subpart CC	Tank does not contain any of the hazardous air pollutants listed in Table 1 of MACT CC.
TK 1937	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.
TK 1938	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			applicability criteria for control in Table 2.
TK 1938	N/A	40 CFR Part 63, Subpart CC	Emission point is routed to the refinery fuel gas system.
TK 1939	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK 1939	N/A	40 CFR Part 63, Subpart CC	Emission point is routed to the refinery fuel gas system.
TK 2067	N/A	40 CFR Part 60, Subpart Kb	A Group 1 storage vessel, part of a new source, and subject to NSPS Kb is required to comply only with MACT CC.
TK 2068	N/A	40 CFR Part 60, Subpart Kb	A Group 1 storage vessel, part of a new source, and subject to NSPS Kb is required to comply only with MACT CC.
TK 2069	N/A	40 CFR Part 60, Subpart Kb	A Group 1 storage vessel, part of a new source, and subject to NSPS Kb is required to comply only with MACT CC.
TK 2073	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.
TK 2073	N/A	40 CFR Part 63, Subpart CC	Wastewater storage tanks are excluded from the MACT CC definition of storage vessel. Tank does not contain a Group 1 wastewater stream subject to §63.647.
TK 2074	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK 2074	N/A	40 CFR Part 63, Subpart CC	Wastewater storage tanks are excluded from the MACT CC definition of storage vessel. Tank does not contain a Group 1 wastewater stream subject to §63.647.
TK 2075	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK 2075	N/A	40 CFR Part 63, Subpart CC	Emission point is routed to the refinery fuel gas system.
TK 2076	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK 2076	N/A	40 CFR Part 63, Subpart CC	Emission point is routed to the refinery fuel gas system.
TK 2077	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK 2077	N/A	40 CFR Part 63, Subpart CC	Emission point is routed to the refinery fuel gas system.
TK 2078	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK 2078	N/A	40 CFR Part 63, Subpart CC	Emission point is routed to the refinery fuel gas system.
TK 2085	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK 2085	N/A	40 CFR Part 63, Subpart CC	Wastewater storage tanks are excluded from the MACT CC definition of storage vessel. Tank does not contain a Group 1 wastewater stream subject to §63.647.
TK 2093	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.
TK 2094	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.
TK 2096	N/A	40 CFR Part 60, Subpart Kb	A Group 1 storage vessel, part of a new source, and subject to NSPS Kb is required to comply only with MACT CC.
TK 2097	N/A	40 CFR Part 60, Subpart Kb	A Group 1 storage vessel, part of a new source, and subject to NSPS Kb is required to comply only with MACT CC.
TK 2111	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.
TK 2113	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.
TK 2113	N/A	40 CFR Part 63, Subpart CC	Tank does not contain any of the hazardous air pollutants listed in Table 1 of MACT CC.
TK 2115	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is greater than 39,900 gallons, but the true vapor pressure of the stored material is less than 0.5 psia.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK 2115	N/A	40 CFR Part 63, Subpart CC	Tank does not contain any of the hazardous air pollutants listed in Table 1 of MACT CC.
TK 2120	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK 2120	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK 2121	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK 2121	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK00001	N/A	40 CFR Part 60, Subpart K	Storage tank commenced construction/modification after 5/19/1978.
TK00001	N/A	40 CFR Part 60, Subpart Ka	Storage tank commenced construction/modification after 7/23/1984.
TK00001	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 19,812 gallons.
TK00001	N/A	40 CFR Part 60, Subpart QQQ	Ancillary equipment, which is physically separate from the wastewater system and does not come in contact with or store oily wastewater, is not subject to the requirements of Subpart QQQ.
TK00001	N/A	40 CFR Part 61, Subpart FF	Storage tank does not store benzene waste.
TK00001	N/A	40 CFR Part 63, Subpart CC	Storage tank does not meet the definition of a storage vessel because it has a design capacity

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			less than 40 cubic meters (10,566 gallons).
TK00001	N/A	40 CFR Part 63, Subpart EEEE	Stored material does not meet the definition of an organic liquid because it is a non-crude oil liquid or liquid mixture containing less than 5% HAPs by weight.
TK00001	N/A	40 CFR Part 63, Subpart R	Storage tank is not located at a gasoline distribution facility.
TK00003	N/A	40 CFR Part 60, Subpart K	Storage tank commenced construction/modification after 5/19/1978.
TK00003	N/A	40 CFR Part 60, Subpart Ka	Storage tank commenced construction/modification after 7/23/1984.
TK00003	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity is less than 19,812 gallons.
TK00003	N/A	40 CFR Part 60, Subpart QQQ	Ancillary equipment, which is physically separate from the wastewater system and does not come in contact with or store oily wastewater, is not subject to the requirements of Subpart QQQ.
TK00003	N/A	40 CFR Part 61, Subpart FF	Storage tank does not store benzene waste.
TK00003	N/A	40 CFR Part 63, Subpart CC	Storage tank does not meet the definition of a storage vessel because it has a design capacity less than 40 cubic meters (10,566 gallons).
TK00003	N/A	40 CFR Part 63, Subpart EEEE	Stored material does not meet the definition of an organic liquid because it is a non-crude oil liquid or liquid mixture containing less than 5% HAPs by weight.

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
TK00003	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility.
TK00004	N/A	40 CFR Part 60, Subpart K	Storage tank commenced construction/modification after 5/19/1978.
TK00004	N/A	40 CFR Part 60, Subpart Ka	Storage tank commenced construction/modification after 7/23/1984.
TK00004	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity is less than 19,812 gallons.
TK00004	N/A	40 CFR Part 60, Subpart QQQ	Ancillary equipment, which is physically separate from the wastewater system and does not come in contact with or store oily wastewater, is not subject to the requirements of Subpart QQQ.
TK00004	N/A	40 CFR Part 61, Subpart FF	Storage tank does not store benzene waste.
TK00004	N/A	40 CFR Part 63, Subpart CC	Storage tank does not meet the definition of a storage vessel because it has a design capacity less than 40 cubic meters (10,566 gallons).
TK00004	N/A	40 CFR Part 63, Subpart EEEE	Stored material does not meet the definition of an organic liquid because it is a non-crude oil liquid or liquid mixture containing less than 5% HAPs by weight.
TK00004	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility.
TK00007	N/A	30 TAC Chapter 115, Storage of VOCs	A storage vessel with storage capacity of < 1,000 gallons is exempt from the requirements of this division.

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
TK00007	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK00007	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK00007	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is < 19,812 gallons
TK00007	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK00007	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; has a design capacity of < 10,566 gallons
TK00007	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of an organic liquid; stores diesel fuel
TK00007	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK00007	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK00013	N/A	40 CFR Part 60, Subpart K	Storage tank commenced construction/modification after 5/19/1978.
TK00013	N/A	40 CFR Part 60, Subpart Ka	Storage tank commenced construction/modification after 7/23/1984.
TK00013	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity is less than 19,812 gallons.
TK00013	N/A	40 CFR Part 60, Subpart QQQ	Ancillary equipment, which is physically separate from the wastewater system and does not come in contact with or store oily wastewater, is not subject to the requirements of Subpart QQQ.
TK00013	N/A	40 CFR Part 61, Subpart FF	Storage tank does not store benzene waste.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK00013	N/A	40 CFR Part 63, Subpart CC	Storage tank does not meet the definition of a storage vessel because it has a design capacity less than 40 cubic meters (10,566 gallons).
TK00013	N/A	40 CFR Part 63, Subpart EEEE	Stored material does not meet the definition of an organic liquid because it is a non-crude oil liquid or liquid mixture containing less than 5% HAPs by weight.
TK00013	N/A	40 CFR Part 63, Subpart R	Storage tank is not located at a gasoline distribution facility.
TK01247	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01247	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01247	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01247	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01247	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01247	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01247	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01247	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01248	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01248	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01248	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01248	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01248	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01248	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01248	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01248	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01250	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01250	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01250	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01250	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01250	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01250	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01250	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility

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
TK01250	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01251	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01251	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01251	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01251	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01251	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01251	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01251	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01251	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01252	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01252	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01252	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01252	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01252	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01252	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01252	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01252	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01254	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01254	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01254	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01254	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01254	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01254	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01254	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01254	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01415	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01415	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01415	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01415	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01415	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01415	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01415	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01415	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01475	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01475	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01475	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01475	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01475	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01475	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01475	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01475	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01490	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01490	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01490	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01490	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01490	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01490	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01490	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01490	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01506	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01506	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01506	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is < 19,812 gallons
TK01506	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01506	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; has a design capacity of < 10,566 gallons
TK01506	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01506	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01507	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK01507	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01507	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is < 19,812 gallons
TK01507	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01507	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; has a design capacity of < 10,566 gallons
TK01507	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01507	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01508	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01508	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01508	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is < 19,812 gallons
TK01508	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01508	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; has a design capacity of < 10,566 gallons
TK01508	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01508	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01509	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01509	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01509	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is < 19,812 gallons
TK01509	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01509	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; has a design capacity of < 10,566 gallons

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01509	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01509	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01510	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01510	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01510	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01510	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01510	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01510	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01510	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01510	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01511	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01511	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01511	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01511	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01511	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01511	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01511	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01511	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01524	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01524	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01524	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01524	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01524	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01524	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01524	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01524	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01525	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01525	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01525	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01525	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01525	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01525	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01525	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01525	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01526	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01526	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01526	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01526	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01526	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01526	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01526	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01526	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01530	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01530	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01530	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01530	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01530	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK01530	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01530	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01552	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01552	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification before 05/18/1978
TK01552	N/A	40 CFR Part 60, Subpart Kb	Commenced construction/modification before 07/23/1984
TK01552	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01552	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01552	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01552	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			distribution facility
TK01552	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01553	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01553	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01553	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01553	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01553	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01553	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01553	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01553	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01600	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01600	N/A	40 CFR Part 60, Subpart Ka	True vapor pressure is less than 1.0 psia and Reid vapor pressure is less than 1.0 psia
TK01600	N/A	40 CFR Part 60, Subpart Kb	Commenced construction/modification before 07/23/1984
TK01600	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.

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
TK01600	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01600	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01600	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01600	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01601	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01601	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01601	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01601	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the description of an organic liquid; stores an organic liquid that contains < 5% HAPs by weight
TK01601	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01601	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01617	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01617	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01617	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01617	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			commenced before May 4, 1987.
TK01617	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01617	N/A	40 CFR Part 63, Subpart CC	Emission point is routed to the refinery fuel gas system.
TK01617	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01617	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01645	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01645	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01645	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01645	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01645	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01645	N/A	40 CFR Part 63, Subpart CC	Equipment that does not contain any of the hazardous air pollutants listed in Table 1
TK01645	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01645	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01645	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01650	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification

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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
			commenced before June 11, 1973.
TK01650	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01650	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01650	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01650	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01650	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01650	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01651	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01651	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01651	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01651	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01651	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01651	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01651	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation

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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
TK01663	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01663	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01663	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01663	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01663	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01663	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01671	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01671	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01671	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01671	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before July 23, 1984.
TK01671	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01671	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01671	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01671	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation

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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
TK01672	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11,1973.
TK01672	N/A	40 CFR Part 60, Subpart Ka	True vapor pressure is less than 1.0 psia and Reid vapor pressure is less than 1.0 psia
TK01672	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01672	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01672	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01672	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01672	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01672	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01679	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11,1973.
TK01679	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01679	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01679	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01679	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01679	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			under another 40 CFR part 63 (Subpart CC)
TK01679	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01679	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01691	N/A	40 CFR Part 60, Subpart K	Fuel oil is not included in the definition of a petroleum liquid
TK01691	N/A	40 CFR Part 60, Subpart Ka	True vapor pressure is less than 1.0 psia and Reid vapor pressure is less than 1.0 psia
TK01691	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01691	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01691	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01691	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01691	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01691	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01697	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification before 06/11/1973
TK01697	N/A	40 CFR Part 60, Subpart Ka	Fuel oil is not included in the definition of a petroleum liquid
TK01697	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01697	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01697	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01697	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01697	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01697	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01698	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01698	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01698	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01698	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01698	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01698	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01698	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01699	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK01699	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01699	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01699	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01699	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01699	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01699	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01712	N/A	40 CFR Part 60, Subpart K	A pressurized storage vessel is not included in the definition of a storage vessel
TK01712	N/A	40 CFR Part 60, Subpart Ka	A pressurized storage vessel is not included in the definition of a storage vessel
TK01712	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01712	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01712	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01712	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; has a design capacity of < 10,566 gallons
TK01712	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01712	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			distribution facility
TK01712	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01718	N/A	40 CFR Part 60, Subpart K	A pressurized storage vessel is not included in the definition of a storage vessel
TK01718	N/A	40 CFR Part 60, Subpart Ka	True vapor pressure is less than 1.0 psia and Reid vapor pressure is less than 1.0 psia
TK01718	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01718	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01718	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01718	N/A	40 CFR Part 63, Subpart CC	Equipment that does not contain any of the hazardous air pollutants listed in Table 1
TK01718	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01718	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01718	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01719	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification before 06/11/1973
TK01719	N/A	40 CFR Part 60, Subpart Ka	True vapor pressure is less than 1.0 psia and Reid vapor pressure is less than 1.0 psia

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01719	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01719	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01719	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01719	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01719	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01719	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01728	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification before 06/11/1973
TK01728	N/A	40 CFR Part 60, Subpart Ka	Diesel fuel is not included in the definition of a petroleum liquid
TK01728	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01728	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01728	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01728	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01728	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01728	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01740	N/A	40 CFR Part 60, Subpart K	Commenced construction / modification after May 18, 1978.
TK01740	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01740	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01740	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK01740	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01740	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01741	N/A	40 CFR Part 60, Subpart K	Commenced construction / modification after May 18, 1978.
TK01741	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01741	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01741	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK01741	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01741	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01767	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification before 06/11/1973

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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
TK01767	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01767	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01767	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01767	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01767	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01768	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification before 06/11/1973
TK01768	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK01768	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01768	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01768	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01768	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01768	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01775	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK01775	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01775	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01775	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01775	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01775	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01775	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01787	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification before 06/11/1973
TK01787	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification before 05/18/1978
TK01787	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK01787	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01787	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01787	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01787	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01794	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01794	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01794	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			atmosphere
TK01794	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01794	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01794	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01794	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01794	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01795	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01795	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01795	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01795	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01795	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01795	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			atmosphere
TK01795	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01795	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01796	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01796	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01796	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01796	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01796	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01796	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01796	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01796	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01797	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01797	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01797	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the

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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
			atmosphere
TK01797	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01797	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01797	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01797	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01797	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01798	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01798	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01798	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01798	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01798	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01798	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the

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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
			atmosphere
TK01798	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01798	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01803	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01803	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01803	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK01803	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK01803	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01803	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01804	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01804	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01804	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK01804	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK01804	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility

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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
TK01804	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01805	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01805	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01805	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01805	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01805	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01805	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01805	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01806	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01806	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01806	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01806	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01806	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01806	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility

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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
TK01806	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01810	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01810	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01810	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01810	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01810	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01810	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01810	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01810	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01811	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01811	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01811	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01811	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01811	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel;

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01811	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01811	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01811	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01812	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01812	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01812	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01812	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01812	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01812	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01812	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility

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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
TK01812	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01813	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01813	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01813	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01813	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01813	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01813	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01813	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01813	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01833	N/A	30 TAC Chapter 115, Storage of VOCs	The storage vessel is not in VOC service
TK01833	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01833	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01833	N/A	40 CFR Part 60, Subpart Kb	Storage vessel does not store a volatile organic liquid
TK01833	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01833	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01833	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01833	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01838	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01838	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01838	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is < 19,812 gallons
TK01838	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01838	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; has a design capacity of < 10,566 gallons
TK01838	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the description of an organic liquid; stores an organic liquid that contains < 5% HAPs by weight
TK01838	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01838	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01850	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01850	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01850	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK01850	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01850	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK01850	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01850	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01853	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01853	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01853	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01853	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01853	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01853	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01854	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01854	N/A	40 CFR Part 60, Subpart Ka	True vapor pressure is less than 1.0 psia and Reid vapor pressure is less than 1.0 psia
TK01854	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01854	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01854	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			distribution facility
TK01854	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01865	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01865	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01865	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01865	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01865	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01865	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01866	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01866	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01866	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01866	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01866	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01866	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation

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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
TK01869	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01869	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01869	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01869	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01869	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01869	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01870	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01870	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01870	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01870	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01870	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01870	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01876	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01876	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01876	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01876	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01876	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01876	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01877	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01877	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01877	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01877	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01877	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01877	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01884	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01884	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01884	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01884	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01884	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK01884	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01884	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01885	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01885	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01885	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01885	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01885	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01885	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01886	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification before 06/11/1973
TK01886	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01886	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01886	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01886	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility

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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
TK01886	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01893	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01893	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01893	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01893	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01893	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01893	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01894	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01894	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01894	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01894	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01894	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01894	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01895	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01895	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01895	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste

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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
TK01895	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01895	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01895	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01900	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01900	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01900	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK01900	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK01900	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01900	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01904	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01904	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01904	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01904	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01904	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility

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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
TK01904	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01913	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01913	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01913	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01913	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01913	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01913	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01920	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01920	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01920	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01920	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01920	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01920	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01921	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01921	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01921	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity greater than or equal to 39,889 gallons storing a liquid with a maximum true

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			vapor pressure < 0.5 psia
TK01921	N/A	40 CFR Part 63, Subpart CC	Stores a Group 2 wastewater stream
TK01921	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01921	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01921	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01922	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01922	N/A	40 CFR Part 60, Subpart Ka	Commenced modification after 07/23/1984
TK01922	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity greater than or equal to 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01922	N/A	40 CFR Part 63, Subpart CC	Stores a Group 2 wastewater stream
TK01922	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01922	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01922	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01927	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK01927	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01927	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			of 29.7 psia and without emissions to the atmosphere
TK01927	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01927	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01927	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK01927	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01927	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01932	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01932	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01932	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01932	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01932	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01932	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK01932	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01933	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01933	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01933	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01933	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01933	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01933	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01933	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01934	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK01934	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01934	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK01934	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01934	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK01934	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility

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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
TK01934	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK01942	N/A	40 CFR Part 60, Subpart K	Storage tank commenced construction/modification after 5/19/1978.
TK01942	N/A	40 CFR Part 60, Subpart Ka	Storage tank commenced construction/modification after 7/23/1984.
TK01942	N/A	40 CFR Part 60, Subpart Kb	Subpart Kb does not apply to storage vessels with a capacity greater than 151 cubic meters (39,889 gallons) storing a liquid with a maximum true vapor pressure less than 3.5 kPa (0.5 psia).
TK01942	N/A	40 CFR Part 60, Subpart QQQ	Ancillary equipment, which is physically separate from the wastewater system and does not come in contact with or store oily wastewater, is not subject to the requirements of Subpart QQQ.
TK01942	N/A	40 CFR Part 61, Subpart FF	Storage tank does not store benzene waste.
TK01942	N/A	40 CFR Part 63, Subpart EEEE	Stored material does not meet the definition of an organic liquid because it is a non-crude oil liquid or liquid mixture containing less than 5% HAPs by weight.
TK01942	N/A	40 CFR Part 63, Subpart R	Storage tank is not located at a gasoline distribution facility.
TK01943	N/A	40 CFR Part 60, Subpart K	Storage tank commenced construction/modification after 5/19/1978.
TK01943	N/A	40 CFR Part 60, Subpart Ka	Storage tank commenced construction/modification after 7/23/1984.
TK01943	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity is less than 19,812

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			gallons.
TK01943	N/A	40 CFR Part 60, Subpart QQQ	Ancillary equipment, which is physically separate from the wastewater system and does not come in contact with or store oily wastewater, is not subject to the requirements of Subpart QQQ.
TK01943	N/A	40 CFR Part 61, Subpart FF	Storage tank does not store benzene waste.
TK01943	N/A	40 CFR Part 63, Subpart CC	Storage tank does not meet the definition of a storage vessel because it has a design capacity less than 40 cubic meters (10,566 gallons).
TK01943	N/A	40 CFR Part 63, Subpart EEEE	Stored material does not meet the definition of an organic liquid because it is a non-crude oil liquid or liquid mixture containing less than 5% HAPs by weight.
TK01943	N/A	40 CFR Part 63, Subpart R	Storage tank is not located at a gasoline distribution facility.
TK01945	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK01945	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK01945	N/A	40 CFR Part 60, Subpart Kb	A Group 1 storage vessel that is part of a new source and is subject to 40 CFR part 60, subpart Kb is required to comply only with 40 CFR part 63, subpart CC.
TK01945	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK01945	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source

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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
			under another 40 CFR part 63 (Subpart CC)
TK01945	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK01945	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02034	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02034	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02034	N/A	40 CFR Part 60, Subpart Kb	The affected source is associated with an on-site fueling facility. This subpart does not apply to storage vessels located at gasoline service stations as defined in § 60.111b.
TK02034	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02034	N/A	40 CFR Part 63, Subpart CC	The affected source subject to this subpart does not include the emission points routed to a fuel gas system
TK02034	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of an organic liquid; stores gasoline
TK02034	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02034	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02035	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02035	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984

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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
TK02035	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity greater than or equal to 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK02035	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02035	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of an organic liquid; stores diesel fuel
TK02035	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02035	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02041	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02041	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02041	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity greater than or equal to 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK02041	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02041	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK02041	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02041	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02086	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			05/19/1978
TK02086	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02086	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02086	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02086	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02086	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02086	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02086	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02087	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02087	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02087	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02087	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK02087	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02087	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02087	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02087	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02090	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02090	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02090	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02090	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02090	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02090	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK02090	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02090	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02091	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02091	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02091	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02091	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02091	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02091	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02091	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02091	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02110	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK02110	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
TK02110	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK02110	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02110	N/A	40 CFR Part 63, Subpart CC	Equipment that does not contain any of the hazardous air pollutants listed in Table 1
TK02110	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK02110	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02110	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02116	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02116	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02116	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02116	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02116	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02116	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			atmosphere
TK02116	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02116	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02117	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02117	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02117	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02117	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02117	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02117	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK02117	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02117	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02122	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK02122	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			07/23/1984
TK02122	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 19,800 gallons.
TK02122	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK02122	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02122	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02125	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02125	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02125	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity greater than or equal to 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK02125	N/A	40 CFR Part 63, Subpart CC	Stores a Group 2 wastewater stream
TK02125	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK02125	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02125	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02126	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02126	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984

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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
TK02126	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity greater than or equal to 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK02126	N/A	40 CFR Part 63, Subpart CC	Stores a Group 2 wastewater stream
TK02126	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK02126	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02126	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02127	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK02127	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02127	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity greater than or equal to 39,889 gallons storing a liquid with a maximum true vapor pressure < 0.5 psia
TK02127	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02127	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK02127	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02127	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02137	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978

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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
TK02137	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02137	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels storing a liquid with a maximum true vapor pressure < 0.5 psia
TK02137	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02137	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK02137	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02137	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02139	N/A	40 CFR Part 60, Subpart K	Storage tank commenced construction/modification after 5/19/1978.
TK02139	N/A	40 CFR Part 60, Subpart Ka	Storage tank commenced construction/modification after 7/23/1984.
TK02139	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity greater than 151 cubic meters (39,889 gallons) and stores a liquid with a maximum true vapor pressure less than 3.5 kPa (0.5 psia).
TK02139	N/A	40 CFR Part 60, Subpart QQQ	Ancillary equipment, which is physically separate from the wastewater system and does not come in contact with or store oily wastewater, is not subject to the requirements of Subpart QQQ.
TK02139	N/A	40 CFR Part 61, Subpart FF	Storage tank does not store benzene waste.
TK02139	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			under another 40 CFR Part 63 (Subpart CC).
TK02139	N/A	40 CFR Part 63, Subpart R	Storage tank is not located at a gasoline distribution facility.
TK02140	N/A	40 CFR Part 60, Subpart K	Storage tank commenced construction/modification after 5/19/1978.
TK02140	N/A	40 CFR Part 60, Subpart Ka	Storage tank commenced construction/modification after 7/23/1984.
TK02140	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity greater than 151 cubic meters (39,889 gallons) and stores a liquid with a maximum true vapor pressure less than 3.5 kPa (0.5 psia).
TK02140	N/A	40 CFR Part 60, Subpart QQQ	Ancillary equipment, which is physically separate from the wastewater system and does not come in contact with or store oily wastewater, is not subject to the requirements of Subpart QQQ.
TK02140	N/A	40 CFR Part 61, Subpart FF	Storage tank does not store benzene waste.
TK02140	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR Part 63 (Subpart CC).
TK02140	N/A	40 CFR Part 63, Subpart R	Storage tank is not located at a gasoline distribution facility.
TK02141	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK02141	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02141	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity > 39,889 gallons storing a liquid

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			with a maximum true vapor pressure < 0.5 psia
TK02141	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02141	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK02141	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02141	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02145	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK02145	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK02145	N/A	40 CFR Part 60, Subpart QQQ	Ancillary equipment, which is physically separate from the wastewater system and does not come in contact with or store oily wastewater, is not subject to the requirements of Subpart QQQ.
TK02145	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK02145	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK02145	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02145	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK02148	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK02148	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984

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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
TK02148	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK02148	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK02148	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK02148	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK08328	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK08328	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK08328	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK08328	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK08328	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK08328	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK08328	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK08328	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK08329	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK08329	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			commenced before May 18, 1978.
TK08329	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK08329	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK08329	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK08329	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK08329	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK08329	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK08330	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK08330	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK08330	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK08330	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK08330	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK08330	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK08330	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility

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
TK08330	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK08331	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK08331	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK08331	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK08331	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK08331	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK08331	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK08331	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK08331	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK1930	N/A	40 CFR Part 63, Subpart CC	Tank does not contain any of the hazardous air pollutants listed in Table 1 of 40 CFR Part 63, Subpart CC.
TK2040	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978.
TK2040	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984.
TK2040	N/A	40 CFR Part 60, Subpart Kb	This subpart does not apply to storage vessels with a capacity greater than or equal to 39,889 gallons storing a liquid with a maximum vapor

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
			pressure < 0.5 psia.
TK2040	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste.
TK2040	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR Part 63 Subpart (Subpart CC)
TK21657	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK21657	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK21657	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK21657	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK21657	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK21657	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK21657	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK21774	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction or modification commenced before June 11, 1973.
TK21774	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK21774	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK21774	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.

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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
TK21774	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK21774	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK21774	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK21774	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK32451	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
TK32451	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before May 18, 1978.
TK32451	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction or modification commenced before July, 23 1984.
TK32451	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK32451	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK32451	N/A	40 CFR Part 63, Subpart CC	Emission points are routed to the refinery fuel gas system.
TK32451	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK32451	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK34955	N/A	40 CFR Part 60, Subpart K	A pressurized storage vessel is not included in the definition of a storage vessel
TK34955	N/A	40 CFR Part 60, Subpart Ka	A pressurized storage vessel is not included in the definition of a storage vessel
TK34955	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess

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
			of 29.7 psia and without emissions to the atmosphere
TK34955	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK34955	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK34955	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK34955	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK34955	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK34955	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK34956	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK34956	N/A	40 CFR Part 60, Subpart Ka	A pressurized storage vessel is not included in the definition of a storage vessel
TK34956	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK34956	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK34956	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK34956	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess

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
			of 29.7 psia and without emissions to the atmosphere
TK34956	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK34956	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK34956	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK34997	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK34997	N/A	40 CFR Part 60, Subpart Ka	A pressurized storage vessel is not included in the definition of a storage vessel
TK34997	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK34997	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK34997	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK34997	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK34997	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK34997	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK34997	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation

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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
TK34998	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK34998	N/A	40 CFR Part 60, Subpart Ka	A pressurized storage vessel is not included in the definition of a storage vessel
TK34998	N/A	40 CFR Part 60, Subpart Kb	Pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK34998	N/A	40 CFR Part 60, Subpart QQQ	Construction, reconstruction or modification commenced before May 4, 1987.
TK34998	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK34998	N/A	40 CFR Part 63, Subpart CC	Does not fit the definition of a storage vessel; pressure vessel designed to operate in excess of 29.7 psia and without emissions to the atmosphere
TK34998	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK34998	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK34998	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK35140	N/A	30 TAC Chapter 115, Storage of VOCs	The storage vessel is not in VOC service
TK35140	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK35140	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK35140	N/A	40 CFR Part 60, Subpart Kb	Storage vessel does not store a volatile organic liquid
TK35140	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste

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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
TK35140	N/A	40 CFR Part 63, Subpart CC	Equipment that does not contain any of the hazardous air pollutants listed in Table 1
TK35140	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK35140	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK35140	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK35141	N/A	30 TAC Chapter 115, Storage of VOCs	The storage vessel is not in VOC service
TK35141	N/A	40 CFR Part 60, Subpart K	Commenced modification after 05/19/1978
TK35141	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984
TK35141	N/A	40 CFR Part 60, Subpart Kb	Storage vessel does not store a volatile organic liquid
TK35141	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK35141	N/A	40 CFR Part 63, Subpart CC	Equipment that does not contain any of the hazardous air pollutants listed in Table 1
TK35141	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR part 63 (Subpart CC)
TK35141	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK35141	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK35142	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978
TK35142	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after

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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
			07/23/1984
TK35142	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste
TK35142	N/A	40 CFR Part 63, Subpart CC	The affected source subject to this subpart does not include the emission points routed to a fuel gas system
TK35142	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the description of an organic liquid; stores an organic liquid that contains < 5% HAPs by weight
TK35142	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility
TK35142	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation
TK35143	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978.
TK35143	N/A	40 CFR Part 60, Subpart Ka	Construction, reconstruction or modification commenced before July, 23 1984.
TK35143	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste.
TK35143	N/A	40 CFR Part 63, Subpart CC	The affected source subject to this subpart does not include the emission points routed to a fuel gas system.
TK35143	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the description of an organic liquid; stores an organic liquid that contains < 5% HAPs by weight.
TK38568	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 5/19/1978.
TK38568	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after

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
			7/23/1984.
TK38568	N/A	40 CFR Part 63, Subpart EEEE	Storage vessel is part of an affected source under another 40 CFR Part 63 Subpart (Subpart CC).
TK38568	N/A	40 CFR Part 63, Subpart R	Storage vessel is not located at a gasoline distribution facility.
TK38568	N/A	40 CFR Part 63, Subpart Y	Not a marine tank vessel loading operation.
TK38624	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK38624	N/A	40 CFR Part 63, Subpart CC	Emission point is routed to the refinery fuel gas system.
TK38630	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978.
TK38630	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984.
TK38630	N/A	40 CFR Part 60, Subpart Kb	Electing to comply only with the requirements of 40 CFR 63 EEEE for storage tanks meeting the applicability criteria for control in Table 2.
TK38630	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste.
TK38630	N/A	40 CFR Part 63, Subpart CC	The affected source subject to this subpart does not include the emission points routed to a fuel gas system.
TK38650	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after 05/19/1978.

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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
TK38650	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984.
TK38650	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste.
TK38650	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the description of an organic liquid; stores an organic liquid that contains < 05% HAPs by weight.
TK38660	N/A	40 CFR Part 60, Subpart K	Commenced construction/modification after May 19, 1978.
TK38660	N/A	40 CFR Part 60, Subpart Ka	Commenced construction/modification after 07/23/1984.
TK38660	N/A	40 CFR Part 61, Subpart FF	Does not store benzene waste.
TK38660	N/A	40 CFR Part 63, Subpart EEEE	Does not fit the description of an organic liquid; stores an organic liquid that contains < 0.5% HAPs by weight.
VPS SEP	N/A	30 TAC Chapter 115, Water Separation	Any single or multiple compartment VOC water separator which is designed solely to capture stormwater, spills, or exterior surface waters is exempt
VPS2ATM1HT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
VPS2ATM2HT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
VPS2ATM3HT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
VPS2ATM4HT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
VPS2VAC1HT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
VPS2VAC2HT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel

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
VPS4ATM3HT	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
VPS4HSRBL	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fossil fuel
VPS5FE	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals on or after September 8, 1994.
VPS5H1/2	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
VPS5H1/2	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
VPS5H1/2	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
VPS5H3/4	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
VPS5H3/4	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
VPS5H3/4	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
VPS5VAC1HT	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
VPS5VAC1HT	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
VPS5VAC1HT	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.

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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
VPS5VAC2HT	N/A	30 TAC Chapter 112, Sulfur Compounds	The heater does not burn liquid fuels.
VPS5VAC2HT	N/A	30 TAC Chapter 117, Subchapter B	New process heater placed into service after November 15, 1992 and not qualified as a functionally identical replacement for an existing unit.
VPS5VAC2HT	N/A	40 CFR Part 60, Subpart Ja	Construction, reconstruction or modification commenced before May 14, 2007.
WHB37	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid fuel
WHB37	N/A	30 TAC Chapter 117, Subchapter B	Placed into service after November 15, 1992 and not qualified as a functionally identical replacement
WHB37	N/A	40 CFR Part 60, Subpart D	Fossil fuel fired; or fossil fuel and wood residue fired; with a heat input rate less than or equal to 250 MMBtu/hr
WHB37	N/A	40 CFR Part 63, Subpart DDDDD	The definition of boiler in MACT DDDDD excludes waste heat boilers

New Source Review Authorization References

New Source Review Authorization References	578
New Source Review Authorization References by Emission Unit	579

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.: GHGPSDTX121M1	Issuance Date: 09/19/2025
PSD Permit No.: GHGPSDTX156	Issuance Date: 09/19/2025
PSD Permit No.: PSDTX1062M4	Issuance Date: 07/17/2025
PSD Permit No.: PSDTX1404	Issuance Date: 02/25/2025
PSD Permit No.: PSDTX1534M1	Issuance Date: 07/17/2025
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.: 6056	Issuance Date: 07/17/2025
Authorization No.: 8404	Issuance Date: 09/19/2025
Authorization No.: 54322	Issuance Date: 09/22/2021
Authorization No.: 56287	Issuance Date: 02/25/2025
Authorization No.: 165961	Issuance Date: 08/25/2021
Authorization No.: 179202	Issuance Date: 03/07/2025
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 83	Version No./Date: 09/12/1989
Number: 86	Version No./Date: 09/12/1989
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: 106.472	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.476	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

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. 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**
004TK001	TANK 004TK001	6056, PSDTX1062M4, PSDTX1534M1
208TK38629	TANK 208TK38629	6056, PSDTX1062M4, PSDTX1534M1
815PU13636	STORMWATER ENGINE	106.511/09/04/2000
815PU13637	STORMWATER ENGINE	106.511/09/04/2000
815PU13638	STORMWATER ENGINE	106.511/09/04/2000
815PU13639	STORMWATER ENGINE	106.511/09/04/2000
815PU13640	STORMWATER ENGINE	106.511/09/04/2000
815PU13641	STORMWATER ENGINE	106.511/09/04/2000
815PU13642	STORMWATER ENGINE	106.511/09/04/2000
815PU13643	STORMWATER ENGINE	106.511/09/04/2000
815PU13644	STORMWATER ENGINE	106.511/09/04/2000
815PU13645	STORMWATER ENGINE	106.511/09/04/2000
815PU13646	STORMWATER ENGINE	106.511/09/04/2000
815PU13651	STORMWATER ENGINE	106.511/09/04/2000
815PU13652	STORMWATER ENGINE	106.511/09/04/2000
815PU13655	STORMWATER ENGINE	106.511/09/04/2000
815PU13656	STORMWATER ENGINE	106.511/09/04/2000
815PU13657	STORMWATER ENGINE	106.511/09/04/2000
815PU13658	STORMWATER ENGINE	106.511/09/04/2000
815PU13659	STORMWATER ENGINE	106.511/09/04/2000
815PU13660	STORMWATER ENGINE	106.511/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. 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**
815PU13661	STORMWATER ENGINE	106.511/09/04/2000
815PU13662	STORMWATER ENGINE	106.511/09/04/2000
815PU13663	STORMWATER ENGINE	106.511/09/04/2000
815PU13664	STORMWATER ENGINE	106.511/09/04/2000
815PU13665	STORMWATER ENGINE	106.511/09/04/2000
815PU13666	STORMWATER ENGINE	106.511/09/04/2000
835GEN001	PAR PROPANE EMERGENCY GENERATOR	106.511/09/04/2000
ARU4FE	ARU NO. 4 COOLING TOWER	6056, PSDTX1062M4, PSDTX1534M1
BOILER 46	POWER BOILER 46	6056, PSDTX1062M4, PSDTX1534M1
CEPFUG	CEP FUGITIVE EMISSIONS	6056, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220, 160291, 160605, 162058, 164413, 167338, 167411, 168491, 169175, 169806], 106.262/11/01/2003 [156220, 162058, 165051, 167338, 169175, 169806, 170201, 167411, 174550, 175809]
CRU4 DPREB	CRU4 DEPROPANIZER REBOILER	8404, PSDTX1062M4, PSDTX1534M1
CRU4INTHT1	CRU4 HEATER	8404, PSDTX1062M4, PSDTX1534M1
CRU4INTHT2	CRU4 HEATER	8404, PSDTX1062M4, PSDTX1534M1
CRU4NHTCHT	CRU 4 NAPHTHA HTU CHARGE HEATER	8404, PSDTX1062M4, PSDTX1534M1
CRU4PLATHT	CRU 4 PLATFORMER #1 INTERMEDIATE	8404, PSDTX1062M4, PSDTX1534M1
CRU4SRBL	CRU4 STRIPPER REBOILER	8404, PSDTX1062M4, PSDTX1534M1
CRU5FE	CRU5 COOLING TOWER	6056, PSDTX1062M4, PSDTX1534M1

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. 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**
CRU5INTHT1	#5 CRU PLATFORMER NO. 1 INTERMEDIATE HEATER	6056, PSDTX1062M4, PSDTX1534M1
CRU5INTHT2	#5 CRU PLATFORMER NO. 2 INTERMEDIATE HEATER	6056, PSDTX1062M4, PSDTX1534M1
CRU5INTHT3	#5 CRU PLATFORMER NO. 3 INTERMEDIATE HEATER	6056, PSDTX1062M4, PSDTX1534M1
CRU5PLATHT	#5 CRU PLATFORMER HEATER	6056, PSDTX1062M4, PSDTX1534M1
DCU2ENG3102	DCU2 ENGINE 3102	106.512/06/13/2001 [113586]
DCU2ENG3124	DCU2 ENGINE 3134	106.512/06/13/2001 [113586]
DCU2FE	DCU2 COOLING TOWER	6056, PSDTX1062M4, PSDTX1534M1
ECRU4	CRU4 FLARE	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
EDCU1	EMERGENCY FLARE DCU	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
EDCU2	DCU NO. 2 FLARE STACK	6056, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
EFCCU	FCCU NO. 3 FLARE	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
EFCCU1&2	ALKY FLARE	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
EHCU	HCU NO. 1 FLARE	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]

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**
EHCU2	HCU NO. 2 FLARE STACK	6056, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
EHTU	HTU NO. 4 FLARE	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
EMERGEN	MAIN OFFICE BUILDING EMERGENCY GENERATOR	106.511/09/04/2000
EQ16382	PAR DIESEL EMERGENCY GENERATOR	106.511/09/04/2000
EQ16383	PAR DIESEL EMERGENCY GENERATOR	106.511/09/04/2000
ESBU2	SBU2 FLARE STACK	6056, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
EVPS4	VPS NO. 4 FLARE	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
EVPS5	VPS NO. 5 FLARE STACK	6056, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
FCCU3	FLUIDIZED CATALYTIC CRACKING UNIT NO. 3	8404, PSDTX1062M4, PSDTX1534M1
FCCU3 COB	FCCU3 CO BOILER	8404, PSDTX1062M4, PSDTX1534M1
FCCU3CHGHT	FCCU3 CHARGE HEATER	8404, PSDTX1062M4, PSDTX1534M1
FK33PH	NO. 33 PH COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1
FKARU3	ARU NO. 3 COOLING TOWER	6056, PSDTX1062M4, PSDTX1534M1
FKCRU4	CRU4 COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1

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**
FKDCU1	DCU COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1
FKFCCU1/2	ALKY COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1
FKFCCU3	FCCU3 COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1
FKHTU1&2	HTU1 COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1
FKHTU3	HTU3 COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1
FKHTU5	HTU5 COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1
FKMPU3	MPU3 COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1
FKMPU4	MPU4 COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1
FKPS3	POWER STATION NO. 3 COOLING TOWER	106.371/09/04/2000
FKVPS2	VPS2 COOLING TOWER	8404, PSDTX1062M4, PSDTX1534M1
FKVPS4	VPS4 COOLING. TOWER	8404, PSDTX1062M4, PSDTX1534M1
GEN9697	PAR PROPANE EMERGENCY GENERATOR	106.511/09/04/2000
GT 34	POWER STATION NO. 3 GAS TURBINE NO. 4	56287, PSDTX1404
GT 35	POWER STATION NO. 3 GAS TURBINE NO. 5	54322
GTG41	POWER STATION NO. 1 GAS TURBINE	6056, PSDTX1062M4, PSDTX1534M1
GTG42	POWER STATION NO. 2 GAS TURBINE	6056, PSDTX1062M4, PSDTX1534M1
GTG43	POWER STATION NO. 3 GAS TURBINE	6056, PSDTX1062M4, PSDTX1534M1
GTG44	POWER STATION NO. 4 GAS TURBINE	6056, PSDTX1062M4, PSDTX1534M1
HCU1FRCRBL	HCU NO. 1 FRACTIONATOR BOILER	8404, PSDTX1062M4, PSDTX1534M1
HCU1PFRBL	HCU NO. 1 PREFLASH BOILER	8404, PSDTX1062M4, PSDTX1534M1
HCU1RAC1HT	HCU NO. 1 REACTOR NO.1 HEATER	8404, PSDTX1062M4, PSDTX1534M1

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**
HCU1RAC2HT	HCU NO. 1 REACTOR NO. 2 HEATER	8404, PSDTX1062M4, PSDTX1534M1
HCU2DHTH1	HCU NO. 2 DHT CHARGE HEATER	6056, PSDTX1062M4, PSDTX1534M1
HCU2H1A	HCU NO. 2 1ST STAGE CHARGE SET A HEATER	6056, PSDTX1062M4, PSDTX1534M1
HCU2H1B	HCU NO. 2 1ST STAGE CHARGE SET B HEATER	6056, PSDTX1062M4, PSDTX1534M1
HCU2H2	HCU2 NO. 2 2ND CHARGE HEATER	6056, PSDTX1062M4, PSDTX1534M1
HRSG41	PS4 GAS TURBINE NO. 1 HRSG WITH DUCT BURNER	6056, PSDTX1062M4, PSDTX1534M1
HRSG42	PS4 GAS TURBINE NO. 2 HRSG WITH DUCT BURNER	6056, PSDTX1062M4, PSDTX1534M1
HRSG43	PS4 GAS TURBINE NO. 3 HRSG WITH DUCT BURNER	6056, PSDTX1062M4, PSDTX1534M1
HRSG44	PS4 GAS TURBINE NO. 4 HRSG WITH DUCT BURNER	6056, PSDTX1062M4, PSDTX1534M1
HTU 3 RBL	HTU NO. 3 REBOILER	8404, PSDTX1062M4, PSDTX1534M1
HTU2CHGHTR	HTU NO. 2 CHARGE HEATER	8404, PSDTX1062M4, PSDTX1534M1
HTU2RBL	HTU NO. 2 REBOILER	8404, PSDTX1062M4, PSDTX1534M1
HTU3CHGHTR	HTU NO. 3 CHARGE HEATER	8404, PSDTX1062M4, PSDTX1534M1
HTU6CHGH1	HTU NO. 6 CHARGE HEATER 1	6056, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [160291]
HTU6CHGH2	HTU NO. 6 FRACTIONATOR REBOILER	6056, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [160291]
LCDU C HTR	LCDU CHARGE HEATER	8404, PSDTX1062M4, PSDTX1534M1
LCDU R HTR	LCDU REACTOR HEATER	8404, PSDTX1062M4, PSDTX1534M1
LR NO 39 FE	NO. 39 LOADING RACK	8404, PSDTX1062M4, PSDTX1534M1
LR NO 4 FE	NO. 4 LOADING RACK	8404, PSDTX1062M4, PSDTX1534M1

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**
LR NO 42 FE	NO. 42 LOADING RACK	106.472/09/04/2000
MPU3EXTHTR	MPU NO. 3 EXTRACT HEATER	8404, PSDTX1062M4, PSDTX1534M1
MPU3ROHTR	MPU3 REFINED OIL MIX HEATER	8404, PSDTX1062M4, PSDTX1534M1
MPU4EXTHTR	SECONDARY RAFFINATE HEATER	8404, PSDTX1062M4, PSDTX1534M1
MPU4ROHTR	MPU4 RO HEATER	8404, PSDTX1062M4, PSDTX1534M1
NHTU2CHT	NAPHTHA HYDROTREATER CHG HTR	6056, PSDTX1062M4, PSDTX1534M1
NHTU2SPLT	NAPHTHA HYDROTREATER SPLITTER REBOILER	6056, PSDTX1062M4, PSDTX1534M1
NHTU2STRP	NAPHTHA HYDROTREATER STRIPPER REBOILER	6056, PSDTX1062M4, PSDTX1534M1
PAINT	MISCELLANEOUS (MAINTENANCE) PAINTING	6056, PSDTX1062M4, PSDTX1534M1
PARFUG	PORT ARTHUR REFINERY FUGITIVES	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220, 160605, 162058, 164413, 168491, 167411], 106.262/11/01/2003 [156220, 162058, 163335, 167411, 174754, 175809]
PORTPE7308	PORTABLE ENGINE"	106.511/09/04/2000
PRO SRU 4	SULFUR RECOVERY UNIT NO. 4	6056, PSDTX1062M4, PSDTX1534M1
PRO SRU 5-1	SULFUR RECOVERY PROCESS 5-1	6056, PSDTX1062M4, PSDTX1534M1
PRO SRU 6-1	SULFUR RECOVERY PROCESS 6-1	6056, PSDTX1062M4, PSDTX1534M1
PRO SRU 7-1	SULFUR RECOVERY PROCESS 7-1	6056, PSDTX1062M4, PSDTX1534M1
PRO SRU2&3	SULFUR RECOVERY UNIT NOS. 2 & 3	6056, PSDTX1062M4, PSDTX1534M1
PS3 RACK	UNLOADED RACK AT PS3 FOR CAUSTIC	106.472/09/04/2000
PS4FE	POWER STATION COOLING TOWER	6056, PSDTX1062M4, PSDTX1534M1

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**
PU10129	PAR DIESEL FIREWATER ENGINE	106.511/09/04/2000
PU10812	PAR DIESEL FIREWATER ENGINE	106.511/09/04/2000
PU11026	PAR DIESEL FIREWATER ENGINE	106.511/09/04/2000
PU6258	PAR DIESEL STORMWATER PUMP ENGINE	106.511/09/04/2000
PU8940	PAR DIESEL STORMWATER PUMP ENGINE	106.511/09/04/2000
PU8942	PAR DIESEL STORMWATER PUMP ENGINE	106.511/09/04/2000
PU8946	PAR DIESEL STORMWATER PUMP ENGINE	106.511/09/04/2000
PU8949	PAR DIESEL STORMWATER PUMP ENGINE	106.511/09/04/2000
PU9021	PAR DIESEL FIREWATER ENGINE	106.511/09/04/2000
PU9023	PAR DIESEL FIREWATER ENGINE	106.511/09/04/2000
PU9025	PAR DIESEL FIREWATER ENGINE	106.511/09/04/2000
RESENG1008	RES 11 ENGINE 2	106.512/06/13/2001 [113586]
RESENG2005	RES 11 ENGINE 1	106.512/06/13/2001 [113586]
SCDHDS1	CDHDS1 HEATER	8404, PSDTX1062M4, PSDTX1534M1
SCDHYDRO/SCH	CDHDS2 HEATER	8404, PSDTX1062M4, PSDTX1534M1
SCHCU2-5	HCU NO. 2 FRACTIONATER HEATER	6056, PSDTX1062M4, PSDTX1534M1
SCRU4-2	CRU4 REGENERATOR VENT	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [156220], 106.262/11/01/2003 [156220]
SCRU5-1	#5 CRU PLATFORMER NO. 1 INTERMEDIATE HEATER	6056, PSDTX1062M4, PSDTX1534M1
SCRU5-2	#5 CRU PLATFORMER NO. 3 INTERMEDIATE HEATER	6056, PSDTX1062M4, PSDTX1534M1

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**
SCRU5-3	REGENERATOR VENT SCRUBBER EMISSIONS	6056, 8404, PSDTX1062M4, PSDTX1534M1
SDCU1-1	COKER HEATER NO. 1	8404, PSDTX1062M4, PSDTX1534M1
SDCU1-2	COKER HEATER NO. 2	8404, PSDTX1062M4, PSDTX1534M1
SDCU2-1	COKER HEATER NO. 1	6056, PSDTX1062M4, PSDTX1534M1
SDCU2-2	COKER HEATER NO. 2	6056, PSDTX1062M4, PSDTX1534M1
SDCU2-3	COKER HEATER NO. 3	6056, PSDTX1062M4, PSDTX1534M1
SFCCU3-2	FCCU NO. 3 REGENERATOR	8404, PSDTX1062M4, PSDTX1534M1
SFCCU3-2	FCCU3 COB STACK	8404, PSDTX1062M4, PSDTX1534M1
SHCU1-5	HCU NO. 1 PREFRACTIONATOR HEATER	8404, PSDTX1062M4, PSDTX1534M1
SHCU2-5	HCU NO. 2 FRACTIONATER HEATER	6056, PSDTX1062M4, PSDTX1534M1
SHTU3-3	HTU NO. 3 HYDROGEN HEATER	8404, PSDTX1062M4, PSDTX1534M1
SHTU4-1	CHARGE HEATER 1	8404, PSDTX1062M4, PSDTX1534M1
SHTU4-2	CHARGE HEATER 2	8404, PSDTX1062M4, PSDTX1534M1
SHTU4-3	REBOILER HEATER	8404, PSDTX1062M4, PSDTX1534M1
SHTU4-4	HTU 4 RECYCLE GAS HEATER	8404, PSDTX1062M4, PSDTX1534M1
SHTU5	HTU5 HEATER	8404, PSDTX1062M4, PSDTX1534M1
SMPU4C	MPU NO. 4 EXTRACT HEATER	8404, PSDTX1062M4, PSDTX1534M1
SNHTU2-3	NAPHTHA HYDROTREATER SPLITTER REBOILER	6056, PSDTX1062M4, PSDTX1534M1
SPS3-4	BOILER 34	6056, GHGPSDTX121M1, GHGPSDTX156, PSDTX1062M4, PSDTX1534M1
SPS3-5	BOILER 35	6056, GHGPSDTX121M1, GHGPSDTX156,

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**
		PSDTX1062M4, PSDTX1534M1
SPS3-9	BOILER 35 GEN STARTER	106.511/09/04/2000
SPS3WHB	BOILER 36	56287, PSDTX1404
SPS4-1	POWER STATION NO. 4 COGEN UNIT 1	6056, PSDTX1062M4, PSDTX1534M1
SPS4-2	POWER STATION NO. 4 COGEN UNIT 2	6056, PSDTX1062M4, PSDTX1534M1
SPS4-3	POWER STATION NO. 4 COGEN UNIT 3	6056, PSDTX1062M4, PSDTX1534M1
SPS4-4	POWER STATION NO. 4 COGEN UNIT 4	6056, PSDTX1062M4, PSDTX1534M1
SRU2&3	SULFUR RECOVERY UNITS	6056, GHGPSDTX121M1, GHGPSDTX156, PSDTX1062M4, PSDTX1534M1
SRU5	SULFUR RECOVER UNIT NO. 5	6056, PSDTX1062M4, PSDTX1534M1
SRU6	SULFUR RECOVER UNIT NO. 6	6056, PSDTX1062M4, PSDTX1534M1
SRU7	SULFUR RECOVER UNIT NO. 7	6056, PSDTX1062M4, PSDTX1534M1
STGTU1-1	TAIL GAS TREATING UNIT INCINERATOR 1-1	6056, PSDTX1062M4, PSDTX1534M1
STGTU1-2	HOT OIL HEATER 1-2	6056, GHGPSDTX121M1, GHGPSDTX156, PSDTX1062M4, PSDTX1534M1
STGTU2-1	TAIL GAS TREATING UNIT INCINERATOR 2-1	6056, GHGPSDTX121M1, GHGPSDTX156, PSDTX1062M4, PSDTX1534M1
STGTU2-2	HOT OIL HEATER 2-2	6056, GHGPSDTX121M1, GHGPSDTX156, PSDTX1062M4, PSDTX1534M1
STGTU5-1	SULFUR RECOVERY PROCESS 5-1	6056, PSDTX1062M4, PSDTX1534M1
STGTU6-1	SULFUR RECOVERY PROCESS 6-1	6056, PSDTX1062M4, PSDTX1534M1
STGTU7-1	SULFUR RECOVERY PROCESS 7-1	6056, PSDTX1062M4, PSDTX1534M1

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**
SVPS5-1	VPS NO. 5, 1/2 AND 3/4 ATMOSPHERIC HEATERS	6056, PSDTX1062M4, PSDTX1534M1
SVPS5-2	VPS NO. 5, NO. 1 AND 2 VACUUM HEATERS	6056, PSDTX1062M4, PSDTX1534M1
SWENG0002	SOUTH WEIR ENGINE 1	106.512/06/13/2001 [113586]
SWENG2001	SOUTH WEIR ENGINE 3	106.512/06/13/2001 [113586]
SWENG9003	SOUTH WEIR ENGINE 2	106.512/06/13/2001 [113586]
SWENG9012	SOUTH WEIR ENGINE 4	106.512/06/13/2001 [113586]
TK 1908	TANK 1908	6056, PSDTX1062M4, PSDTX1534M1
TK 1928	TANK 1928	6056, PSDTX1062M4, PSDTX1534M1, 106.262/11/01/2003 [171246]
TK 1937	TANK 1937	6056, PSDTX1062M4, PSDTX1534M1
TK 1938	TANK 1938	6056, PSDTX1062M4, PSDTX1534M1
TK 1939	TANK 1939	6056, PSDTX1062M4, PSDTX1534M1
TK 2067	TANK 2067	6056, PSDTX1062M4, PSDTX1534M1
TK 2068	TANK 2068	6056, PSDTX1062M4, PSDTX1534M1
TK 2069	TANK 2069	6056, PSDTX1062M4, PSDTX1534M1
TK 2073	TANK 2073	6056, PSDTX1062M4, PSDTX1534M1
TK 2074	TANK 2074	6056, PSDTX1062M4, PSDTX1534M1
TK 2075	TANK 2075	6056, PSDTX1062M4, PSDTX1534M1
TK 2076	TANK 2076	6056, PSDTX1062M4, PSDTX1534M1
TK 2077	TANK 2077	6056, PSDTX1062M4, PSDTX1534M1
TK 2078	TANK 2078	6056, PSDTX1062M4, PSDTX1534M1

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**
TK 2085	TANK 2085	6056, PSDTX1062M4, PSDTX1534M1
TK 2093	TANK 2093	6056, PSDTX1062M4, PSDTX1534M1
TK 2094	TANK 2094	6056, PSDTX1062M4, PSDTX1534M1
TK 2096	TANK 2096	6056, PSDTX1062M4, PSDTX1534M1
TK 2097	TANK 2097	6056, PSDTX1062M4, PSDTX1534M1
TK 2111	TANK 2111	6056, PSDTX1062M4, PSDTX1534M1
TK 2113	TANK 2113	6056, PSDTX1062M4, PSDTX1534M1
TK 2115	TANK 2115	6056, PSDTX1062M4, PSDTX1534M1
TK 2120	TANK 2120	6056, PSDTX1062M4, PSDTX1534M1
TK 2121	TANK 2121	6056, PSDTX1062M4, PSDTX1534M1
TK00001	STORAGE TANK NO. 1	106.261/11/01/2003 [167411], 106.262/11/01/2003 [167411], 106.478/09/04/2000 [167411]
TK00003	STORAGE TANK NO. 3	106.261/11/01/2003 [167411], 106.262/11/01/2003 [167411], 106.478/09/04/2000 [167411]
TK00004	STORAGE TANK NO. 4	106.261/11/01/2003 [167411], 106.262/11/01/2003 [167411], 106.478/09/04/2000 [167411]
TK00007	STORAGE TANK NO. 7	106.472/09/04/2000
TK00013	STORAGE TANK NO. 13	106.261/11/01/2003 [167411], 106.262/11/01/2003 [167411], 106.478/09/04/2000 [167411]
TK01247	STORAGE TANK NO. 01247	8404, PSDTX1062M4, PSDTX1534M1
TK01248	TANK 01248	8404, PSDTX1062M4, PSDTX1534M1
TK01250	TANK 01250	8404, PSDTX1062M4, PSDTX1534M1

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**
TK01251	TANK 01251	8404, PSDTX1062M4, PSDTX1534M1
TK01252	TANK 01252	8404, PSDTX1062M4, PSDTX1534M1
TK01254	TANK 01254	8404, PSDTX1062M4, PSDTX1534M1
TK01415	TANK 01415	8404, PSDTX1062M4, PSDTX1534M1
TK01475	TANK 01475	8404, PSDTX1062M4, PSDTX1534M1
TK01490	TANK 01490	8404, PSDTX1062M4, PSDTX1534M1, 106.262/11/01/2003 [162957]
TK01506	STORAGE TANK NO. 1506	106.261/11/01/2003 [167411], 106.262/11/01/2003 [167411], 106.478/09/04/2000 [167411]
TK01507	STORAGE TANK NO. 1507	106.261/11/01/2003 [167411], 106.262/11/01/2003 [167411], 106.478/09/04/2000 [167411]
TK01508	STORAGE TANK NO. 1508	106.261/11/01/2003 [167411], 106.262/11/01/2003 [167411], 106.478/09/04/2000 [167411]
TK01509	STORAGE TANK NO. 1509	106.261/11/01/2003 [167411], 106.262/11/01/2003 [167411], 106.478/09/04/2000 [167411]
TK01510	TANK 01510	8404, PSDTX1062M4, PSDTX1534M1
TK01511	TANK 01511	8404, PSDTX1062M4, PSDTX1534M1
TK01524	TANK 01524	8404, PSDTX1062M4, PSDTX1534M1
TK01525	TANK 01525	8404, PSDTX1062M4, PSDTX1534M1, 106.262/11/01/2003 [162957]
TK01526	TANK 01526	8404, PSDTX1062M4, PSDTX1534M1
TK01530	TANK 01530	8404, PSDTX1062M4, PSDTX1534M1
TK01552	TANK 01552	8404, PSDTX1062M4, PSDTX1534M1

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. 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**
TK01553	TANK 01553	8404, PSDTX1062M4, PSDTX1534M1
TK01600	TANK 01600	8404, PSDTX1062M4, PSDTX1534M1
TK01601	TANK 01601	8404, PSDTX1062M4, PSDTX1534M1
TK01617	TANK 01617	8404, PSDTX1062M4, PSDTX1534M1
TK01645	TANK 01645	106.472/09/04/2000
TK01650	TANK 01650	106.472/09/04/2000
TK01651	TANK 01651	106.472/09/04/2000
TK01663	TANK 01663	8404, PSDTX1062M4, PSDTX1534M1
TK01671	TANK 01671	8404, PSDTX1062M4, PSDTX1534M1
TK01672	TANK 01672	106.472/09/04/2000
TK01679	TANK 01679	8404, PSDTX1062M4, PSDTX1534M1
TK01691	TANK 01691	8404, PSDTX1062M4, PSDTX1534M1
TK01697	TANK 01697	8404, PSDTX1062M4, PSDTX1534M1
TK01698	TANK 01698	8404, PSDTX1062M4, PSDTX1534M1
TK01699	TANK 01699	8404, PSDTX1062M4, PSDTX1534M1
TK01712	TANK 01712	8404, PSDTX1062M4, PSDTX1534M1
TK01718	TANK 01718	8404, PSDTX1062M4, PSDTX1534M1
TK01719	TANK 01719	8404, PSDTX1062M4, PSDTX1534M1
TK01728	TANK 01728	8404, PSDTX1062M4, PSDTX1534M1
TK01740	TANK 01740	8404, PSDTX1062M4, PSDTX1534M1
TK01741	TANK 01741	8404, PSDTX1062M4, PSDTX1534M1

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**
TK01767	TANK 01767	8404, PSDTX1062M4, PSDTX1534M1
TK01768	TANK 01768	8404, PSDTX1062M4, PSDTX1534M1
TK01775	TANK 01775	8404, PSDTX1062M4, PSDTX1534M1
TK01787	TANK 01787	8404, PSDTX1062M4, PSDTX1534M1
TK01794	STORAGE TANK NO. 1794	83/09/12/1989, 86/09/12/1989
TK01795	STORAGE TANK NO. 1795	83/09/12/1989, 86/09/12/1989
TK01796	STORAGE TANK NO. 1796	83/09/12/1989, 86/09/12/1989
TK01797	STORAGE TANK NO. 1797	83/09/12/1989, 86/09/12/1989
TK01798	STORAGE TANK NO. 1798	83/09/12/1989, 86/09/12/1989
TK01803	TANK 01803	8404, PSDTX1062M4, PSDTX1534M1
TK01804	TANK 01804	8404, PSDTX1062M4, PSDTX1534M1
TK01805	TANK 01805	106.472/09/04/2000
TK01806	TANK 01806	106.472/09/04/2000
TK01810	STORAGE TANK NO. 1810	83/09/12/1989, 86/09/12/1989
TK01811	STORAGE TANK NO. 1811	83/09/12/1989, 86/09/12/1989
TK01812	STORAGE TANK NO. 1812	83/09/12/1989, 86/09/12/1989
TK01813	STORAGE TANK NO. 1813	83/09/12/1989, 86/09/12/1989
TK01833	TANK 01833	106.472/09/04/2000
TK01838	STORAGE TANK NO. 1838	106.472/03/14/1997
TK01850	TANK 01850	8404, PSDTX1062M4, PSDTX1534M1
TK01853	TANK 01853	106.472/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. 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**
TK01854	TANK 01854	106.472/09/04/2000
TK01865	TANK 01865	106.472/09/04/2000
TK01866	TANK 01866	106.472/09/04/2000
TK01869	TANK 01869	106.472/09/04/2000
TK01870	TANK 01870	106.472/09/04/2000
TK01873	TANK 01873	8404, PSDTX1062M4, PSDTX1534M1
TK01876	TANK 01876	106.532/09/04/2000
TK01877	TANK 01877	106.532/09/04/2000
TK01884	TANK 01884	8404, PSDTX1062M4, PSDTX1534M1
TK01885	TANK 01885	8404, PSDTX1062M4, PSDTX1534M1
TK01886	TANK 01886	8404, PSDTX1062M4, PSDTX1534M1, 106.478/09/04/2000
TK01893	TANK 01893	8404, PSDTX1062M4, PSDTX1534M1
TK01894	TANK 01894	8404, PSDTX1062M4, PSDTX1534M1
TK01895	TANK 01895	8404, PSDTX1062M4, PSDTX1534M1
TK01900	TANK 01900	8404, PSDTX1062M4, PSDTX1534M1
TK01904	TANK 01904	8404, PSDTX1062M4, PSDTX1534M1
TK01913	TANK 01913	8404, PSDTX1062M4, PSDTX1534M1
TK01920	TANK 01920	8404, PSDTX1062M4, PSDTX1534M1
TK01921	STORAGE TANK NO. 1921	106.472/09/04/2000
TK01922	STORAGE TANK NO. 1922	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**
TK01927	STORAGE TANK NO. 1927	106.476/09/04/2000
TK01932	TANK 01932	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [160291]
TK01933	TANK 01933	8404, PSDTX1062M4, PSDTX1534M1, 106.261/11/01/2003 [160291]
TK01934	TANK 01934	8404, PSDTX1062M4, PSDTX1534M1, 106. 261/11/01/2003 [160291]
TK01942	STORAGE TANK NO. 1942	106.472/09/04/2000
TK01943	STORAGE TANK NO. 1943	106.472/09/04/2000
TK01945	STORAGE TANK NO. 1945	8404, PSDTX1062M4, PSDTX1534M1
TK02034	STORAGE TANK NO. 2034	106.476/09/04/2000
TK02035	STORAGE TANK NO. 2035	106.476/09/04/2000
TK02041	STORAGE TANK NO. 2041	8404, PSDTX1062M4, PSDTX1534M1
TK02086	STORAGE TANK NO. 2086	106.476/09/04/2000
TK02087	STORAGE TANK NO. 2087	106.476/09/04/2000
TK02090	STORAGE TANK NO. 2090	106.476/09/04/2000
TK02091	STORAGE TANK NO. 2091	106.476/09/04/2000
TK02110	TANK 02110	6056, PSDTX1062M4, PSDTX1534M1
TK02116	STORAGE TANK NO. 2116	106.476/09/04/2000
TK02117	STORAGE TANK NO. 2117	106.476/09/04/2000
TK02122	TANK 02122	106.532/09/04/2000
TK02125	STORAGE TANK NO. 2125	106.532/09/04/2000

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**
TK02126	STORAGE TANK NO. 2126	106.532/09/04/2000
TK02127	STORAGE TANK NO. 2127	8404, PSDTX1062M4, PSDTX1534M1
TK02137	TANK 02137	106.472/09/04/2000
TK02139	STORAGE TANK NO. 2139	8404, PSDTX1062M4, PSDTX1534M1
TK02140	STORAGE TANK NO. 2140	8404, PSDTX1062M4, PSDTX1534M1
TK02141	TANK 02141	8404, PSDTX1062M4, PSDTX1534M1
TK02145	TANK 02145	6056, PSDTX1062M4, PSDTX1534M1
TK02148	TANK 02148	6056, GHGPSDTX121M1, GHGPSDTX156, PSDTX1062M4, PSDTX1534M1
TK08328	TANK 08328	106.472/09/04/2000
TK08329	TANK 08329	106.472/09/04/2000
TK08330	TANK 08330	106.472/09/04/2000
TK08331	TANK 08331	106.472/09/04/2000
TK1930	AMINE SURGE TANK 1930	6056, PSDTX1062M4, PSDTX1534M1
TK2040	STORAGE TANK NO. 2040	8404, PSDTX1062M4, PSDTX1534M1
TK21657	TANK 21657	8404, PSDTX1062M4, PSDTX1534M1
TK21774	TANK 21774	8404, PSDTX1062M4, PSDTX1534M1
TK32451	TANK 32451	8404, PSDTX1062M4, PSDTX1534M1
TK34955	TANK 34955	106.472/09/04/2000
TK34956	TANK 34956	106.472/09/04/2000
TK34997	TANK 34997	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**
TK34998	TANK 34998	106.472/09/04/2000
TK35140	TANK 35140	8404, PSDTX1062M4, PSDTX1534M1
TK35141	TANK 35141	8404, PSDTX1062M4, PSDTX1534M1
TK35142	STORAGE TANK NO. 35142	8404, PSDTX1062M4, PSDTX1534M1
TK35143	STORAGE TANK NO. 35143	8404, PSDTX1062M4, PSDTX1534M1
TK38568	STORAGE TANK NO. 38568	106.472/09/04/2000
TK38624	TANK 38624	8404, PSDTX1062M4, PSDTX1534M1
TK38630	TANK 38630	106.476/09/04/2000
TK38650	TANK 38650	106.478/09/04/2000
TK38660	TANK 38660	106.478/09/04/2000
VDCU1	DELAYED COKING UNIT 1 VENT	8404, PSDTX1062M4, PSDTX1534M1
VDCU2	DELAYED COKING UNIT 2 VENT	6056, PSDTX1062M4, PSDTX1534M1
VPS SEP	VACUUM PIPE STILL SEPARATOR	8404, PSDTX1062M4, PSDTX1534M1
VPS2ATM1HT	VPS2 ATMOSPHERIC HEATER NO. 1	8404, PSDTX1062M4, PSDTX1534M1
VPS2ATM2HT	VPS2 ATMOSPHERIC HEATER NO. 2	8404, PSDTX1062M4, PSDTX1534M1
VPS2ATM3HT	VPS2 ATMOSPHERIC HEATER NO. 3	8404, PSDTX1062M4, PSDTX1534M1
VPS2ATM4HT	VPS2 ATMOSPHERIC HEATER NO. 4	8404, PSDTX1062M4, PSDTX1534M1
VPS2VAC1HT	VPS2 VACUUM HEATER NO. 1	8404, PSDTX1062M4, PSDTX1534M1
VPS2VAC2HT	VPS2 VACUUM HEATER NO. 2	8404, PSDTX1062M4, PSDTX1534M1
VPS4ATM1HT	VPS NO. 4, NO. 1 ATMOSPHERIC HEATER NO. 1	8404, PSDTX1062M4, PSDTX1534M1
VPS4ATM2HT	VPS NO. 4, ATMOSPHERIC HEATER NO. 2	8404, PSDTX1062M4, PSDTX1534M1

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**
VPS4ATM3HT	VPS4 ATMOSPHERIC HEATER NO. 3	8404, PSDTX1062M4, PSDTX1534M1
VPS4HSRBL	VPS4 NAPHTHA SPLITTER REBOILER	8404, PSDTX1062M4, PSDTX1534M1
VPS4VAC1HT	VPS NO. 4, VACUUM HEATER NO. 1	8404, PSDTX1062M4, PSDTX1534M1
VPS4VAC2HT	VPS NO. 4, VACUUM HEATER NO. 2	8404, PSDTX1062M4, PSDTX1534M1
VPS5FE	VPS COOLING TOWER	6056, PSDTX1062M4, PSDTX1534M1
VPS5H1/2	VPS NO. 5, NO. 1/2 ATMOSPHERIC HEATER	6056, PSDTX1062M4, PSDTX1534M1
VPS5H3/4	VPS NO. 5, NO. 3/4 ATMOSPHERIC HEATER	6056, PSDTX1062M4, PSDTX1534M1
VPS5VAC1HT	VPS NO. 5, NO. 1 VACUUM HEATER	6056, PSDTX1062M4, PSDTX1534M1
VPS5VAC2HT	VPS NO. 5, NO. 2 VACUUM HEATER	6056, PSDTX1062M4, PSDTX1534M1
WAPISEP	WEST API SEPARATOR	8404, PSDTX1062M4, PSDTX1534M1
WHB37	WASTE HEAT BOILER NO. 37	54322

**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..... 600



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1201 ELM STREET, SUITE 500
DALLAS, TEXAS 75270

April 5, 2021

Greg Lucchesi, General Manager
Motiva Enterprises, LLC
2555 Savannah Avenue
P.O. Box 712
Port Arthur, TX 77641-0712

RE: Revised Alternative Monitoring Plan (AMP) – NSPS Subpart J and NESHAP Subpart UUU – Parametric Monitoring in Lieu of Continuous Opacity Monitoring System for FCCU No. 3 Catalyst Regenerator Wet Gas Scrubber at the Motiva Refinery located in Port Arthur, Texas; Motiva Enterprises LLC Consent Decree No. H-01-0978.

Dear Mr. Lucchesi:

This letter is in response to your request dated January 20, 2020, pertaining to modification of your approved AMPs¹ for the No. 3 Fluidized Catalytic Cracking Unit (FCCU) Wet Gas Scrubber (WGS) unit under New Source Performance Standards (NSPS) for Petroleum Refineries (40 CFR Part 60 Subpart J) and National Emission Standards for Hazardous Air Pollutants (NESHAP) for Petroleum Refineries (40 CFR Part 63 Subpart UUU). Upon review of all available information, the U.S. Environmental Protection Agency (EPA) approves Motiva Enterprises, LLC's (Motiva) request to modify the limits for parametric monitoring for the No. 3 FCCU WGS at the Port Arthur Refinery, as follows:

No. 3 FCCU

1. Minimum Liquid-to-Gas Ratio (L/G): 0.057 gal/scfm.
2. Minimum Water Pressure to Nozzles in Quench/Spray Tower (P_L): 44.31 psig.
3. Minimum Pressure Drop Across Filter/Cyclolabs (ΔP_C): 9.45 in H₂O.

Compliance for the above OPLs is determined on an hourly rolling average based on evaluation of results from three one-hour test runs, consistent with the FCCU operating conditions and corresponding test data from the most recent particulate matter performance test. Any parameter values that are less than the approved cut-off levels represent and shall be reported as a deviation. Motiva Port Arthur Refinery shall incorporate the terms of this AMP approval into the facility's New Source Review (NSR) and Title V permits for federal enforceability.

¹ See EPA AMP approval letter addressed to Mr. Greg Lucchesi (Motiva Enterprises, LLC) dated July 31, 2018.

If operations change from those represented in the enclosure for the FCCU operations at Motiva Port Arthur Refinery, this approval may become void and a new AMP request will be necessary. If you have any questions or concerns about this approval, please contact Emad Shahin of my staff at shahin.emad@epa.gov or at 214-665-6717.

STEVEN
THOMPSON

Digitally signed by STEVEN THOMPSON
DN: c=U.S., o=U.S. Government, ou=Environmental
Protection Agency, cn=STEVEN THOMPSON,
0.9.2342.19200100.100.1.1+68001003652657
Date: 2021.04.05 19:17:53 -0500

Steve Thompson
Chief
Air Enforcement Branch

ec: Michael De La Cruz, Texas Commission on Environmental Quality,
michael.delacruz@tceq.texas.gov



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6

1445 Ross Avenue, Suite 1200

Dallas, Texas 75202 - 2733

JUL 31 2018

Greg Lucchesi, General Manager
Motiva Enterprises, LLC
2555 Savannah Avenue
P.O. Box 712
Port Arthur, TX 77641-0712

HSSE DEPARTMENT	
Manager	
HSS Mgr	
Env Mgr	
H&S Mgr	
Sec Mgr	
Admin	

AUG 24 2018

RE: Alternative Monitoring Plan (AMP) – New Source Performance Standards (NSPS) for Petroleum Refineries (40 CFR Part 60 Subpart J) and National Emission Standards for Hazardous Air Pollutants (NESHAP) for Petroleum Refineries (40 CFR Part 63 Subpart UUU) – Parametric Monitoring in Lieu of Continuous Opacity Monitoring System (COMS) for Fluidized Catalytic Cracking Unit (FCCU) No. 3 Catalyst Regenerator Wet Gas Scrubber (WGS) at the Motiva Refinery located in Port Arthur, Texas; Motiva Enterprises LLC Consent Decree No. H-01-0978.

Dear Mr. Lucchesi:

This letter is in response to your request dated September 18, 2017, pertaining to modification and final approval of a prior conditionally approved AMP¹ for parametric monitoring of the FCCU No. 3 Catalyst Regenerator WGS in lieu of COMS under NSPS Subpart J and NESHAP Subpart UUU, as provided in 40 C.F.R. § 63.1573(g). Upon review of all available information, the United States Environmental Protection Agency (EPA) approves an AMP for the FCCU No. 3 WGS, as delineated fully in the enclosure to this letter.

If operations change from those represented in the enclosure for the FCCU No. 3 operations at the Motiva Refinery, this approval may become void and a new AMP request will be necessary. If you have any questions or concerns about this approval, please contact Emad Shahin of my staff at (214) 665-6717 or shahin.emad@epa.gov.

Sincerely,

Steve Thompson
Chief,
Air Enforcement Branch

Enclosure

Ec: Michael De La Cruz, Texas Commission on Environmental Quality,
michael.delacruz@tceq.texas.gov

¹ See EPA AMP letter addressed to Mr. Richard D. Strouse (Motiva Enterprises LLC) dated August 12, 2009.

ENCLOSURE
Motiva Enterprises LLC
Update and Final Approval for Alternative Monitoring Plan (AMP)
FCCU Catalyst Regenerator WGS Parametric Monitoring in Lieu of COMS

BACKGROUND INFORMATION

Motiva Enterprises, LLC ("Motiva") has provided updated performance test data and proposed finalizing their conditionally approved alternative monitoring plan ("AMP") specific to the Fluid Catalytic Cracking Unit ("FCCU") No. 3 Catalyst Regenerator ("Regenerator") Wet Gas Scrubber ("WGS") at their Port Arthur Refinery, located in Texas. Background information and regulatory and Consent Decree ("CD") requirements were documented in the United States Environmental Protection Agency (EPA) conditional approval letter dated August 12, 2009. This Enclosure provides EPA's current evaluation of the operational status and implementation of rule requirements for the FCCU No. 3 WGS, where parametric monitoring is proposed in lieu of continuous opacity monitoring system (COMS) requirements. Since Motiva needs to comply with Opacity and Particulate Matter (PM) emission limitations under NSPS Part 60 Subparts J ("Refinery NSPS") and NESHAP Part 63 Subpart UUU ("Refinery MACT II"), an AMP is necessary in order to address the issue of reliability for monitoring opacity when moisture levels are high in a stack.

TECHNICAL INFORMATION FOR AMP APPROVAL

The WGS *Liquid-to-Gas Ratio* ("L/G Ratio") is one critical operating parameter to be monitored for ensuring scrubber performance in all of the scrubber designs evaluated across the refinery sector. Although the L/G Ratio involves measurement of both the total liquid flow rate to the scrubber and the total gas flow rate through the scrubber, EPA views the L/G Ratio as a single operating parameter for the purpose of compliance monitoring. Historically, pressure drop had been used as a critical operating parameter for venturi type scrubbers in addition to the L/G Ratio, since pressure drop had been shown to correlate directly with scrubber efficiency. However, as scrubber designs have evolved to meet the needs of multiple pollutant removal and/or flexibility in process operations, pressure drop has become a redundant parameter for monitoring compliance in some scrubber systems.

Ultimately, the final selection of critical operating parameters is entirely dependent upon ensuring that effective scrubber performance is maintained and that emission limitations are continually met, given those needs associated with facility-specific operations of the FCCU Catalyst Regenerator and the WGS type configuration. Through initial and subsequent performance testing, operating parameter limits ("OPLs") are established either as a minimum, average, or maximum value over time intervals for reporting that are recognized as representative of the performance testing conducted to demonstrate compliance with emission limitations.

The WGS for the FCCU No. 3 at the Motiva Port Arthur Refinery is a Belco EDV® design that has segregated sections that function together for overall effective operation of the unit. The total liquid flow through the WGS is calculated from monitored pump amperages and system pump performance curves for multiple pump operating scenarios, as developed specifically for Motiva's pumps at the Port Arthur Refinery. The

hourly average flue gas flow rate to the WGS unit is calculated utilizing equation 1 of 40 CFR § 63.1573(a).

In 2009, EPA conditionally approved¹ the following operating parameters to ensure that the WGS at Motiva would function as intended and that emissions from the FCCU No. 3 Regenerator at the Port Arthur Refinery would continuously meet the regulatory requirements for opacity and particulate matter:

1. Minimum Liquid-to-Gas Ratio (**L/G**) defined as total liquid flowrate (**L**) divided by total gas flowrate (**G**) through the WGS: **L** to be calculated for all pumps in operation, in gallons per minute (gpm), and **G** to be measured in standard cubic feet per minute (scfm).
2. Minimum Water Pressure to Nozzles in Quench/Spray Tower (**P₁**): measured in pounds per square inch gauge pressure (psig).
3. Minimum Pressure Drop Across Filter/Cyclolabs (**ΔP_c**): measured in inches water (in H₂O).

Compliance was conditional upon Motiva conducting a performance test in order to establish a value for each OPL listed above on an hourly rolling average basis (HRA), assuming each performance test run was one hour in duration and no other operational considerations were necessary (to be presented with the test data results).

PROVISIONS FOR UPDATING CONDITIONALLY APPROVED AMP

Motiva requested EPA to update and finalize the prior conditionally approved AMP for the FCCU WGS under the Refinery NSPS and the Refinery MACT II, based upon performance testing completed for the unit². Although Motiva did not request a change in the type of operating parameters already approved, they have proposed to use a 20% downward extrapolation to establish the minimum limits for each OPL from those values actually demonstrated during the most recent 2017 performance test. In addition, Motiva requested that the OPLs be established on a three-hour HRA rather than an one-hour HRA basis. The AMP references the average calculated value of 0.0323 lb PM/1000 lbs of coke burn as being only 40 percent of the 0.8 lb PM/1000 lbs of coke burn “annual testing threshold” specified in the Refinery MACT II, at 40 CFR § 63.1571(a)(5)(ii)³ and proposes using a downward extrapolation to set each OPL at 80 percent of the level demonstrated. The AMP asserts that such an extrapolation would translate directly to PM emissions and that emissions would remain below the 1 lb PM/1000 lbs of coke burn emission limitation.

¹ See EPA AMP letter addressed to Mr. Richard D. Strouse (Motiva Enterprises LLC) dated August 12, 2009.

² See letters from Mr. Greg Lucchesi (Motiva Enterprises LLC), providing performance testing results to EPA, dated February 18, 2015, and September 18, 2017; see also Motiva’s “AMP Request Compliance Emissions Testing Report” dated October 2009.

³ 40 CFR § 63.1571(a)(5)(ii) provides a threshold for results of assessing the frequency for performance testing. If emissions exceed 80% of the 1 lb PM/1000 lbs of coke burn emission limitation (i.e., 0.8 lb PM/1000 lbs of coke burn), then annual testing is required, not merely the default minimum performance testing of every 5 years.

Emissions from Motiva's Port Arthur Refinery FCCU No. 3 Catalyst Regenerator are vented to CO boilers where steam is generated through heat transfer across boiler feed water piping. There is no supplemental fuel combustion and the unit operates in full combustion mode only. Data from 2009, 2015, and 2017 performance testing events all show compliance with the PM emission limitation, with similar coke burn-off rates in 2009 and 2017. Testing in 2015 had a reduced coke burn-off rate and lower flue gas routed to the WGS so PM emission rate was much smaller than the other test events.

EPA will not approve a downward extrapolation of data for operation of the WGS from results of one performance test (2017 testing), since the operating parameters to be established for the WGS are minimum value limits. Performance test results should always be representative of typical FCCU operating conditions whereby the test event is designed to demonstrate compliance in consideration of potentially worst-case emissions over the full range of operating scenarios (to ensure operational flexibility). In teleconferences held in May and June of 2018, Motiva has communicated to EPA that lower flow conditions (i.e., 230,000 scfm and below experienced during startup/shutdown/hot standby modes) may result in a much lower minimum pressure drop across the filter/cyclolabs. However, EPA believes this is due to the prior compliance testing only being conducted at higher flow conditions (not worst-case emissions for flow to the WGS), as discussed with Motiva based upon EPA's review of test objectives found in Motiva test reports.

Therefore, based upon the site-specific information and data submitted to date, EPA approves the following OPLs for the FCCU No. 3 WGS unit, taking into consideration all data from past test events where compliance was demonstrated with the 1 lb PM/1000 lbs of coke burn-off emission limitation:

1. Minimum Liquid-to-Gas Ratio (**L/G**): 0.057 gal/scfm.
2. Minimum Water Pressure to Nozzles in Quench/Spray Tower (**P_L**): 44.31 psig.
3. Minimum Pressure Drop Across Filter/Cyclolabs (**ΔP_c**): 13.83 in H₂O.

Compliance for the above OPLs is to be established on an hourly average basis given our evaluation of results from three one-hour test runs, consistent with the FCCU operating conditions and corresponding test data from the most recent particulate matter performance test in 2017, and past testing in 2009 and 2015. Any parameter values that are less than the approved cut-off levels represent and shall be reported as a deviation⁴. Motiva shall incorporate the terms of this AMP approval into the facility's New Source Review (NSR) and Title V permits for federal enforceability.

As per the requirements at 40 CFR § 63.1571(a)(5), Motiva shall conduct performance tests at least once every five years in order to verify that the established values for OPLs are still appropriate for facility operations and WGS performance, or in order to determine new representative values.

⁴ Until a new performance test is conducted to account for low flow conditions, an exception to the Minimum **ΔP_c** will be allowed for flow conditions during startup, shutdown, or hot standby, specifically where flow may fall below 230,000 scfm.

A copy of each performance test report must be submitted to EPA and the permitting authority, along with any changes to the prior OPL values resulting from the data obtained during testing at the FCCU WGS.

Appendix A

Acronym List 608

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
SIP	state implementation plan
RO	Responsible Official
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 610

Major NSR Summary Table

Permit Numbers: 6056, PSDTX1062M4, and PSDTX1534M1						Issuance Date: July 17, 2025		
Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
VDCU2	VDCU2	Delayed Coking Unit 2 Vent	VOC	55.00	55.00	73, 83	73, 83	73
			PM	1.76	1.76	73, 83	73, 83	73
			PM ₁₀	1.76	1.76	73, 83	73, 83	73
			PM _{2.5}	1.76	1.76	73, 83	73, 83	73
			SO ₂	0.02	0.02	73, 83	73, 83	73
			H ₂ S	3.63	3.63	73, 83	73, 83	73
FCOKE2	COKE 2FE	DCU Coke Handling (5)	PM	0.01	0.01	42, 44, 45	44, 45, 67	45
			PM ₁₀	0.01	0.01	42, 44, 45	44, 45, 67	45
			PM _{2.5}	0.01	0.01	42, 44, 45	44, 45, 67	45
FCOKE X	COKE X FE	Coke Stockpile Surge Pad (5)	PM	0.33	1.45	42, 44, 45	44, 45, 67	45
			PM ₁₀	0.17	0.72	42, 44, 45	44, 45, 67	45
			PM _{2.5}	0.17	0.72	42, 44, 45	44, 45, 67	45
FKCRU5 FE	CRU5 FE	#5 CRU Cooling Tower	VOC	2.31	4.34	34, 73	34, 67, 73	73
			PM	1.65	7.23	34	34, 67	
			PM ₁₀	1.38	6.03	34	34, 67	
			PM _{2.5}	0.01	0.02	34	34, 67	
FKDCU2 FE	DCU2 FE	DCU 2 Cooling Tower	VOC	1.71	3.21	34, 73	34, 67, 73	73
			PM	1.22	5.36	34	34, 67	
			PM ₁₀	1.02	4.47	34	34, 67	
			PM _{2.5}	0.01	0.01	34	34, 67	
FKPS 4 FE	PS 4 FE	Power Station Cooling Tower	PM	0.23	0.99	34	34, 67	
			PM ₁₀	0.14	0.62	34	34, 67	
			PM _{2.5}	0.01	0.01	34	34, 67	

Major NSR Summary Table

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
FKVPS 5 FE	VPS 5 FE	VPS Cooling Tower	VOC	1.64	3.07	34, 73	34, 67, 73	73
			PM	1.17	5.13	34	34, 67	
			PM ₁₀	0.98	4.28	34	34, 67	
			PM _{2.5}	0.01	0.01	34	34, 67	
FKARU3	ARU3 FE	ARU No. 3 Cooling Tower (5)	VOC	0.11	0.21	34	34, 67	34
			PM	0.08	0.36	34	34, 67	
			PM ₁₀	0.07	0.30	34	34, 67	
			PM _{2.5}	0.01	0.01	34	34, 67	
FKARU4	ARU 4 FE	ARU No. 4 Cooling Tower (5)	VOC	0.47	0.89	34, 73	34, 67, 73	34, 73
			PM	0.34	0.30	34	34, 67	
			PM ₁₀	0.28	0.25	34	34, 67	
			PM _{2.5}	0.01	0.01	34	34, 67	
EDCU2	EDCU2	DCU No. 2 Flare Stack	NO _x	0.03	0.11	5	5	
			VOC	0.01	0.01	5	5	
			SO ₂	0.01	0.01	5	5	
			CO	0.18	0.81	5	5	
EHCU2	HCU NO2FS	HCU No. 2 Flare Stack	NO _x	0.02	0.09	5	5	
			VOC	0.01	0.01	5	5	
			SO ₂	0.01	0.01	5	5	
			CO	0.15	0.64	5	5	
EVPS5	VPS NO5 FS	VPS No. 5 Flare Stack	NO _x	0.02	0.07	5	5	
			VOC	0.01	0.01	5	5	
			SO ₂	0.01	0.01	5	5	

Major NSR Summary Table

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
			CO	0.11	0.48	5	5	
ESBU2	SBU2	SBU2 Flare Stack	NO _x	0.02	0.07	5	5	
			VOC	0.01	0.01	5	5	
			SO ₂	0.01	0.01	5	5	
			CO	0.11	0.48	5	5	
FARU1	ARU 1 FE	ARU No. 1 Fugitive Emissions	VOC	0.30	0.81	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			H ₂ S	0.22	0.96	36	36	
			NH ₃	0.01	0.01	37	37	
FARU2	ARU2 FE	ARU No. 2 Fugitive Emissions	VOC	0.24	0.51	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			H ₂ S	0.11	0.48	36	36	
FARU3	ARU 3 FE	ARU No.3 Fugitive Emissions	VOC	0.24	0.54	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			H ₂ S	0.08	0.37	36	36	
FSWS1	ARU 3 FE	ARU No.3 Fugitive Emissions	VOC	0.03	0.08	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			H ₂ S	0.18	0.79	36	36	
			NH ₃	0.01	0.01	37	37	
			MDEA	0.04	0.17			
FARU4	ARU 4 FE	ARU No.4 Fugitive Emissions	VOC	0.14	0.16	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			H ₂ S	0.04	0.17	36	36	
FSRU2	SRU 2 FE	SRU No.2 Fugitive Emissions	SO ₂	0.01	0.04	37	37	
			H ₂ S	0.01	0.05	36	36	
FSRU3	SRU 3 FE	SRU No.3 Fugitive Emissions	SO ₂	0.01	0.04	37	37	
			H ₂ S	0.01	0.05	36	36	
FSRU4	SRU 4 FE	SRU No.4 Fugitive	SO ₂	0.06	0.24	37	37	

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		Emissions	H ₂ S	0.06	0.26	36	36	
FSBU1	FSBU1	Sulfur Block Unit 1 Fugitives	VOC	0.14	0.63			
FSWS2	ARU 5 FE	ARU No. 5 Fugitive Emissions	VOC	0.01	0.01	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			H ₂ S	0.25	1.11	36	36	
			NH ₃	0.01	0.01	37	37	
FARU5	ARU 5 FE	ARU No. 5 Fugitive Emissions	VOC	0.05	0.24	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			H ₂ S	0.07	0.33	36	36	
FSWS3	ARU 6 FE	ARU No. 6 Fugitive Emissions	VOC	0.01	0.01	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			H ₂ S	0.25	1.11	36	36	
			NH ₃	0.01	0.01	37	37	
FARU6	ARU 6 FE	ARU No. 6 Fugitive Emissions	VOC	0.04	0.18	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			H ₂ S	0.08	0.37	36	36	
FVPS5	VPS NO 5 FE	VPS No. 5 Ammonia Fugitives	NH ₃	0.03	0.11	37	37	
FPS4	PS 4 PE	PS 4 Ammonia Fugitives	NH ₃	0.03	0.14	37	37	
CEP-FUG	Various	Fugitives Group	VOC	37.88	166.25	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			SO ₂	0.02	2.57	37	37	
			CO	0.02	8.62			
			H ₂ S	0.72	0.34	36	36	

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
FTGTU1	TGTU 1 FE	Tail Gas Treating Unit No.1 Incinerator Fugitives	VOC	0.04	0.17			
			SO ₂	0.01	0.03	10, 37	10, 37, 48, 67	48
			CO	0.01	0.06	10	10, 48, 67	48
			H ₂ S	0.02	0.08	10, 36	10, 36, 48, 67	48
			MDEA	0.04	0.17			
FTGTU2	TGTU 2 FE	Tail Gas Treating Unit No.2 Incinerator Fugitives	VOC	0.20	0.35			
			SO ₂	0.01	0.03	10, 37	10, 37, 48, 67	48
			CO	0.02	0.07	10	10, 48, 67	48
			H ₂ S	0.02	0.08	10, 36	10, 36, 48, 67	48
			MDEA	0.04	0.17			

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SCRU5-1	CRU5INTHT1	#5 CRU Platformer No.1 Intermediate Heater	NO _x	17.33	42.66	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	2.67	2.30	10, 46, 47, 58, 59	47, 67	47
			SO ₂	18.44	37.82	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	16.94	58.41	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	3.69	12.71	10, 46, 58, 59	67	
			PM ₁₀	3.69	12.71	10, 46, 58, 59	67	
			PM _{2.5}	3.69	12.71	10, 46, 58, 59	67	
SCRU5-2	CRU5INTHT2	#5 CRU Platformer No.2 Intermediate Heater	NO _x	12.39	27.51	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	1.91	1.48	10, 46, 47, 58, 59	47, 67	47
			SO ₂	13.19	24.39	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	12.12	37.67	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	2.64	8.20	10, 46, 58, 59	67	
			PM ₁₀	2.64	8.20	10, 46, 58, 59	67	
			PM _{2.5}	2.64	8.20	10, 46, 58, 59	67	
SCRU5-2	CRU5INTHT3	#5 CRU Platformer No.3 Intermediate Heater	NO _x	7.70	21.04	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	1.19	1.13	10, 46, 47, 58, 59	47, 67	47
			SO ₂	8.20	18.65	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	7.53	28.81	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	1.64	6.27	10, 46, 58, 59	67	
			PM ₁₀	1.64	6.27	10, 46, 58, 59	67	
			PM _{2.5}	1.64	6.27	10, 46, 58, 59	67	

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SNHTU2-1	NHTU2CHT	Naphtha Hydrotreater CHG Heater	NO _x	7.25	19.88	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	1.12	2.14	10, 46, 47, 58, 59	47, 67	47
			SO ₂	7.71	17.63	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	7.09	27.22	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	1.54	5.93	10, 46, 58, 59	67	
			PM ₁₀	1.54	5.93	10, 46, 58, 59	67	
			PM _{2.5}	1.54	5.93	10, 46, 58, 59	67	
SCRU5-1	CRU5PLATHT	#5 CRU Platformer Heater	NO _x	13.93	38.15	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	2.15	2.06	10, 46, 47, 58, 59	47, 67	47
			SO ₂	14.83	33.82	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	13.62	52.23	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	2.97	11.37	10, 46, 58, 59	67	
			PM ₁₀	2.97	11.37	10, 46, 58, 59	67	
			PM _{2.5}	2.97	11.37	10, 46, 58, 59	67	
SHCU2-1	HCU2H1A	HCU No.2 1 st Stage Charge Set A Heater	NO _x	2.32	6.66	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			VOC	0.36	0.72	10, 46, 47, 58, 59	47, 67	47
			SO ₂	2.47	5.91	6, 10, 46, 47, 48, 55, 56, 58, 59	47, 48, 56, 67	47, 48
			CO	2.27	9.12	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			PM	0.49	1.99	10, 46, 58, 59	67	
			PM ₁₀	0.49	1.99	10, 46, 58, 59	67	
			PM _{2.5}	0.49	1.99	10, 46, 58, 59	67	

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				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SHCU2-2	HCU2H1B	HCU No.2 1 st Stage Charge Set B Heater	NO _x	2.32	6.66	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			VOC	0.36	0.72	10, 46, 47, 58, 59	47, 67	47
			SO ₂	2.47	5.91	6, 10, 46, 47, 48, 55, 56, 58, 59	47, 48, 56, 67	47, 48
			CO	2.27	9.12	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			PM	0.49	1.99	10, 46, 58, 59	67	
			PM ₁₀	0.49	1.99	10, 46, 58, 59	67	
			PM _{2.5}	0.49	1.99	10, 46, 58, 59	67	
SHCU2-3	HCU2H2	HCU No.2 2 nd Charge Heater	NO _x	2.94	8.46	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			VOC	0.45	0.91	10, 46, 47, 58, 59	47, 67	47
			SO ₂	3.13	7.50	6, 10, 46, 47, 48, 55, 56, 58, 59	47, 48, 56, 67	47, 48
			CO	2.88	11.58	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			PM	0.63	2.52	10, 46, 58, 59	67	
			PM ₁₀	0.63	2.52	10, 46, 58, 59	67	
			PM _{2.5}	0.63	2.52	10, 46, 58, 59	67	
SHTU6-1	HTU6CHGH1	HTU No.6 Charge Heater	NO _x	3.82	11.06	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			VOC	0.59	1.04	10, 46, 47, 58, 59	47, 67	47
			SO ₂	4.07	9.89	6, 10, 46, 47, 48, 55, 56, 58, 59	47, 48, 56, 67	47, 48
			CO	3.73	15.16	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			PM	0.81	3.32	10, 46, 58, 59	67	
			PM ₁₀	0.81	3.32	10, 46, 58, 59	67	
			PM _{2.5}	0.81	3.32	10, 46, 58, 59	67	

Major NSR Summary Table

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SHTU6-2	HTU6CHGH2	HTU No.6 Fractionator Reboiler	NO _x	2.51	7.22	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			VOC	0.39	0.78	10, 46, 47, 58, 59	47, 67	47
			SO ₂	2.67	6.40	6, 10, 46, 47, 48, 55, 56, 58, 59	47, 48, 56, 67	47, 48
			CO	2.46	9.88	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			PM	0.53	2.15	10, 46, 58, 59	67	
			PM ₁₀	0.53	2.15	10, 46, 58, 59	67	
			PM _{2.5}	0.53	2.15	10, 46, 58, 59	67	
SHCU2-6	HCU2DHTH1	HCU No.2 DHT Charge Heater	NO _x	3.13	9.00	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			VOC	0.48	0.97	10, 46, 47, 58, 59	47, 67	47
			SO ₂	3.34	7.98	6, 10, 46, 47, 48, 55, 56, 58, 59	47, 48, 56, 67	47, 48
			CO	3.07	12.33	10, 11, 46, 47, 48, 58, 59	47, 48, 67	47, 48
			PM	0.67	2.68	10, 46, 58, 59	67	
			PM ₁₀	0.67	2.68	10, 46, 58, 59	67	
			PM _{2.5}	0.67	2.68	10, 46, 58, 59	67	
SHCU2-5	SCHCU2-5	HCU No.2 Fractionator Heater	NO _x	16.28	71.28	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	2.51	5.49	10, 46, 47, 58, 59	47, 67	47
			SO ₂	17.32	22.57	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	15.92	69.72	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	3.46	15.18	10, 46, 58, 59	67	
			PM ₁₀	3.46	15.18	10, 46, 58, 59	67	
			PM _{2.5}	3.36	15.18	10, 46, 58, 59	67	

Major NSR Summary Table

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SDCU2-1	SDCU2-1	Coker Heater No.1	NO _x	9.42	36.58	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	1.45	1.41	10, 46, 47, 58, 59	47, 67	47
			SO ₂	10.02	23.16	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	9.21	35.77	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	2.00	7.79	10, 46, 58, 59	67	
			PM ₁₀	2.00	7.79	10, 46, 58, 59	67	
			PM _{2.5}	2.00	7.79	10, 46, 58, 59	67	
SDCU2-2	SDCU2-2	Coker Heater No.2	NO _x	9.42	36.58	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	1.45	1.41	10, 46, 47, 58, 59	47, 67	47
			SO ₂	10.02	23.16	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	9.21	35.77	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	2.00	7.79	10, 46, 58, 59	67	
			PM ₁₀	2.00	7.79	10, 46, 58, 59	67	
			PM _{2.5}	2.00	7.79	10, 46, 58, 59	67	
SDCU2-3	SDCU2-3	Coker Heater No.3	NO _x	9.42	36.58	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	1.45	1.41	10, 46, 47, 58, 59	47, 67	47
			SO ₂	10.02	23.16	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	9.21	35.77	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	2.00	7.79	10, 46, 58, 59	67	
			PM ₁₀	2.00	7.79	10, 46, 58, 59	67	
			PM _{2.5}	2.00	7.79	10, 46, 58, 59	67	

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SVPS5-1	VPS5H1/2	VPS No.5, No.1/2 Atmospheric Heater	NO _x	14.32	9.65	10, 11, 12, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	2.21	4.63	10, 46, 47, 58, 59	47, 67	47
			SO ₂	15.24	38.02	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	14.00	58.72	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	3.05	12.78	10, 46, 58, 59	67	
			PM ₁₀	3.05	12.78	10, 46, 58, 59	67	
			PM _{2.5}	3.05	12.78	10, 46, 58, 59	67	
			NH ₃	1.53	6.42	10, 12, 46, 55, 58, 59	67	
SVPS5-1	VPS5H3/4	VPS No.5, No.3/4 Atmospheric Heater	NO _x	14.32	9.65	10, 11, 12, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	2.21	4.63	10, 46, 47, 58, 59	47, 67	47
			SO ₂	15.24	38.02	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	14.00	58.72	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	3.05	12.78	10, 46, 58, 59	67	
			PM ₁₀	3.05	12.78	10, 46, 58, 59	67	
			PM _{2.5}	3.05	12.78	10, 46, 58, 59	67	
			NH ₃	1.53	6.42	10, 12, 46, 55, 58, 59	67	
SVPS5-2	VPS5VAC1HT	VPS No.5, No.1 Vacuum Heater	NO _x	7.56	5.10	10, 11, 12, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	1.16	2.44	10, 46, 47, 58, 59	47, 67	47
			SO ₂	8.05	20.09	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	7.39	31.02	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	1.61	6.75	10, 46, 58, 59	67	

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
			PM ₁₀	1.61	6.75	10, 46, 58, 59	67	
			PM _{2.5}	1.61	6.75	10, 46, 58, 59	67	
			NH ₃	0.81	3.39	10, 12, 46, 55, 58, 59	67	
SVPS5-2	VPS5VAC2HT	VPS No.5, No.2 Vacuum Heater	NO _x	7.56	5.10	10, 11, 12, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	1.16	2.44	10, 46, 47, 58, 59	47, 67	47
			SO ₂	8.05	20.09	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	7.39	31.02	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	1.61	6.75	10, 46, 58, 59	67	
			PM ₁₀	1.61	6.75	10, 46, 58, 59	67	
			PM _{2.5}	1.61	6.75	10, 46, 58, 59	67	
			NH ₃	0.81	3.39	10, 12, 46, 55, 58, 59	67	
SNHTU2-2	NHTU2STRP	Naphtha Hydrotreater Stripper Reboiler	NO _x	6.51	17.92	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	1.00	1.93	10, 46, 47, 58, 59	47, 67	47
			SO ₂	6.93	15.89	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	6.37	24.53	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			PM	1.39	5.34	10, 46, 58, 59	67	
			PM ₁₀	1.39	5.34	10, 46, 58, 59	67	
			PM _{2.5}	1.39	5.34	10, 46, 58, 59	67	
SNHTU2-3	NHTU2SPLT	Naphtha Hydrotreater Stripper Reboiler	NO _x	10.40	28.32	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	1.60	3.05	10, 46, 47, 58, 59	47, 67	47
			SO ₂	11.06	25.11	6, 10, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56
			CO	10.17	38.78	10, 11, 46, 47, 55, 56, 58, 59	47, 56, 67	47, 56

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
			PM	2.21	8.44	10, 46, 58, 59	67	
			PM ₁₀	2.21	8.44	10, 46, 58, 59	67	
			PM _{2.5}	2.21	8.44	10, 46, 58, 59	67	
STGTU1-2	STGTU1-2	Hot Oil Heater	NO _x	0.53	1.21	10	10, 48, 67	48
			VOC	0.03	0.07	10	10, 48, 67	48
			SO ₂	0.20	0.27	10	10, 48, 67	48
			CO	0.43	1.00	10	10, 48, 67	48
			PM	0.04	0.09	10	10, 48, 67	
			PM ₁₀	0.04	0.09	10	10, 48, 67	
			PM _{2.5}	0.04	0.09	10	10, 48, 67	
STGTU2-2	STGTU2-2	Hot Oil Heater	NO _x	3.12	13.67	10	10, 48, 67	48
			VOC	0.17	0.74	10	10, 48, 67	48
			SO ₂	1.16	3.03	10	10, 48, 67	48
			CO	2.57	11.25	10	10, 48, 67	48
			PM	0.23	1.02	10	10, 48, 67	
			PM ₁₀	0.23	1.02	10	10, 48, 67	
			PM _{2.5}	0.23	1.02	10	10, 48, 67	
SCRU5-3	CRU5-CCR	Regen Vent Scrubber Emissions	NO _x	2.28	10.00			
			SO ₂	1.59	6.96			
			PM	0.13	0.59			
			PM ₁₀	0.13	0.59			
			PM _{2.5}	0.13	0.59			
			HCl	0.07	0.30	49	49	

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
			Cl ₂	0.01	0.06	49	49	
SSSCRUB	SLD	Sulfur Loading	H ₂ S	0.16	0.71	25	25, 67	
			SO ₂	0.31	1.34			
POSCEPMN	POSCEPMN	Maintenance Group After CEP (6)	NO _x	1061.43	30.06	61, 62, 76	58, 61, 62, 65, 67, 76, 77, 78	
			VOC	3,933.30	97.33	61, 62, 74, 75, 76	58, 61, 62, 65, 67, 74, 75, 76, 77, 78	
			SO ₂	806.78	44.99	61, 62, 76	58, 61, 62, 65, 67, 76, 77, 78	
			CO	3,091.26	126.70	61, 62, 76	58, 61, 62, 65, 67, 76, 77, 78	
			PM	66.98	1.51	61, 62, 76	58, 61, 62, 65, 67, 76, 77, 78	
			PM ₁₀	66.98	1.51	61, 62, 76	58, 61, 62, 65, 67, 76, 77, 78	
			PM _{2.5}	66.98	1.51	61, 62, 76	58, 61, 62, 65, 67, 76, 77, 78	
			H ₂ SO ₄	8.00	0.32	61, 62, 76	58, 61, 62, 65, 67, 76, 77, 78	
			H ₂ S	29.42	0.44	61, 62, 76	58, 61, 62, 65, 67, 76, 77, 78	
			NH ₃	13.84	0.43	61, 62, 76	58, 61, 62, 65, 67, 76, 77, 78	
CGNGRP	CGNGRP	Cogen Unit Group(6)	NO _x	74.21	272.81	12, 35, 46, 47, 48, 55, 58, 59, 80	47, 67, 71, 80	47, 71
			VOC	10.64	39.55	35, 47, 48, 58, 59, 80	47, 67, 71, 80	47, 71
			SO ₂	56.00	161.45	6, 46, 47, 48, 55, 58, 59, 80	47, 67, 71, 80	47, 71

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
			CO	117.82	516.03	12, 35, 46, 47, 48, 55, 58, 59, 80	47, 67, 71, 80	47, 71
			PM	101.87	391.33	46, 47, 48, 58, 59, 80	47, 67, 71, 80	47, 71
			PM ₁₀	25.00	92.00	46, 47, 48, 58, 59, 80	47, 67, 71, 80	47, 71
			PM _{2.5}	25.00	92.00	46, 47, 48, 58, 59, 80	47, 67, 71, 80	47, 71
			H ₂ SO ₄	32.00	58.69	47, 48, 80	47, 67, 71, 80	47, 71
			NH ₃	29.83	113.39	12, 46, 47, 48, 55, 58, 59, 80	47, 67, 71, 80	47, 71
TNKGRP	TNKGRP	Tank Group (6)	VOC	69.00	40.20	3, 71, 72, 73	3, 67, 71, 72, 73	71, 72, 73
SRUGRP	SRUGRP	SRU Incinerators Group (6)	NO _x	29.15	109.56	20, 21, 22, 23, 25	22	
			VOC	1.86	7.08	20, 21, 22, 23, 25	22	
			SO ₂	162.45	711.53	6, 20, 21, 22, 23, 24, 25	22, 23, 24	
			CO	56.86	236.54	20, 21, 22, 23, 25	22	
			PM	2.58	9.78	20, 21, 22, 23, 25	22	
			PM ₁₀	2.58	9.78	20, 21, 22, 23, 25	22	
SPS-LOV1	GTG41-LOV	Power Station No.4 Lube Oil Vent 1 (5)	PM	0.05	0.22			
			PM ₁₀	0.05	0.22			
			PM _{2.5}	0.05	0.22			
SPS4-1	GTG41	Power Station No.4 Cogen Unit 1	NO _x	15.22	62.87	10, 12, 35, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			VOC	2.12	8.75	10, 35, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			SO ₂	16.60	32.48	6, 10, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			CO	27.80	114.81	10, 12, 35, 46, 47, 48, 55,	47, 48, 67, 71, 80	47, 48, 71

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
						58, 59, 80		
			PM	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			PM ₁₀	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			PM _{2.5}	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			H ₂ SO ₄	9.41	18.40	10, 47, 48, 80	47, 48, 67, 71, 80	47, 48, 71
			NH ₃	7.88	27.88	10, 12, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
SPS-LOV2	GTG42-LOV	Power Station No.4 Lube Oil Vent 2 (5)	PM	0.05	0.22			
			PM ₁₀	0.05	0.22			
			PM _{2.5}	0.05	0.22			
SPS4-2	GTG42	Power Station No.4 Cogen Unit 2	NO _x	15.22	62.87	10, 12, 35, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			VOC	2.12	8.75	10, 35, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			SO ₂	16.60	32.48	6, 10, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			CO	27.80	114.81	10, 12, 35, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			PM	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			PM ₁₀	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			PM _{2.5}	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			H ₂ SO ₄	9.41	18.40	10, 47, 48, 80	47, 48, 67, 71, 80	47, 48, 71
			NH ₃	7.88	27.88	10, 12, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
SPS-LOV3	GTG43-LOV	Power Station No.4 Lube Oil Vent 3 (5)	PM	0.05	0.22			
			PM ₁₀	0.05	0.22			

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				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
			PM _{2.5}	0.05	0.22			
SPS4-3	GTG43	Power Station No.4 Cogen Unit 3	NO _x	15.22	62.87	10, 12, 35, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			VOC	2.12	8.75	10, 35, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			SO ₂	16.60	32.48	6, 10, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			CO	27.80	114.81	10, 12, 35, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			PM	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			PM ₁₀	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			PM _{2.5}	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			H ₂ SO ₄	9.41	18.40	10, 47, 48, 80	47, 48, 67, 71, 80	47, 48, 71
SPS-LOV4	GTG44-LOV	Power Station No.4 Lube Oil Vent 4 (5)	NH ₃	7.88	27.88	10, 12, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			PM	0.05	0.22			
			PM ₁₀	0.05	0.22			
SPS4-4	GTG44	Power Station No.4 Cogen Unit 4	PM _{2.5}	0.05	0.22			
			NO _x	15.22	62.87	10, 12, 35, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			VOC	2.12	8.75	10, 35, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			SO ₂	16.60	32.48	6, 10, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			CO	27.80	114.81	10, 12, 35, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
SPS4-4	GTG44	Power Station No.4 Cogen Unit 4	PM	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71

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				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
			PM ₁₀	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			PM _{2.5}	26.62	100.65	10, 46, 47, 48, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
			H ₂ SO ₄	9.41	18.40	10, 47, 48, 80	47, 48, 67, 71, 80	47, 48, 71
			NH ₃	7.88	27.88	10, 12, 46, 47, 48, 55, 58, 59, 80	47, 48, 67, 71, 80	47, 48, 71
SPS4-6	Boiler 46	Power Boiler 46	NO _x	20.86	39.16	10, 11, 12, 46, 47, 55, 58, 59	47, 56, 67, 71	47, 56, 71
			VOC	3.21	7.04	10, 47, 58, 59	47, 67, 71	47, 71
			SO ₂	22.20	57.86	6, 10, 46, 47, 55, 58, 59	47, 56, 67, 71	47, 56, 71
			CO	20.40	89.36	10, 11, 46, 47, 55, 58, 59	47, 56, 67, 71	47, 56, 71
			PM	4.44	19.45	10, 46, 58, 59	67, 71	71
			PM ₁₀	4.44	19.45	10, 46, 58, 59	67, 71	71
			PM _{2.5}	4.44	19.45	10, 46, 58, 59	67, 71	71
			NH ₃	2.23	9.77	10, 12, 46, 55, 58, 59	67, 71	71
TK2073	TK2073	Storage TK2073	VOC	8.41	0.11	3, 67, 71	3, 67, 71	71
TK2074	TK2074	Storage TK2074	VOC	8.41	0.11	3, 67, 71	3, 67, 71	71
TK2093	TK2093	Storage TK2093	VOC	11.89	9.03	3, 67, 73	3, 67, 73	73
TK2094	TK2094	Storage TK2094	VOC	6.55	6.32	3, 67, 73	3, 67, 73	73
TK2085	TK2085	Storage TK2085	VOC	8.68	0.06	3, 67, 71	3, 67, 71	71
TK2097	TK2097	Storage TK2097	VOC	1.64	6.26	3, 67, 73	3, 67, 73	73
TK2096	TK2096	Storage TK2096	VOC	1.64	6.26	3, 67, 73	3, 67, 73	73
TK2069	TK2069	Storage TK2069	VOC	4.60	11.39	3, 67, 73	3, 67, 73	73
TK2067	TK2067	Storage TK 2067	VOC	4.60	11.39	3, 67, 73	3, 67, 73	73
TK2068	TK2068	Storage TK 2068	VOC	4.60	11.39	3, 67, 73	3, 67, 73	73

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				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
TK2110	TK2110	DCU Quench Water Tank	VOC	0.01	0.10	3, 67	3, 67	
TK2111	TK2111	Refinery Waste Tank	VOC	0.70	0.19	3, 67, 73	3, 67, 73	73
TK2145	TK2145	Storage TK2145	VOC	1.14	4.17	3, 67, 71, 73	3, 67, 71, 73	71, 73
TK1928	TK1928	Molten Sulfur Storage Tank	H ₂ S	0.05	0.22	47, 48, 67	47, 48, 67	47, 48
			SO ₂	1.15	5.03	47, 48, 67	47, 48, 67	47, 48
TK1930	TK1930	Amine Surge Tank 1930	VOC	0.07	0.01	3, 27, 28, 67, 71	3, 27, 28, 67, 71	71
			H ₂ S	0.01	0.02			
			NH ₃	0.01	0.01			
TK1937	TK1937	Resid Tank	VOC	8.57	2.50	2, 67, 73	2, 67, 73	73
004TK001	004TK001	Storage Tank 004TK	VOC	0.03	0.01	3, 67	3, 67	
208TK38629	TK38629	Storage Tank 208TK38629	VOC	24.85	2.73	2, 67	2, 67	
STGTU5-1	STGTU5-1	SRU5/TGTU5 Incinerator	NO _x	5.22	22.85	10, 20, 21, 22, 23, 48	22, 48, 67	48
			VOC	0.35	1.54	10, 20, 21, 22, 23, 48	22, 48, 67	48
			SO ₂	71.11	311.47	6, 10, 20, 21, 22, 23, 24, 48	22, 23, 24, 48, 67	48
			CO	12.44	54.51	10, 20, 21, 22, 23, 48	22, 48, 67	48
			PM	0.49	2.13	10, 20, 21, 22, 23	22, 48, 67	
			PM ₁₀	0.49	2.13	10, 20, 21, 22, 23	22, 48, 67	
			PM _{2.5}	0.49	2.13	10, 20, 21, 22, 23	22, 48, 67	
STGTU6-1	STGTU6-1	SRU6/TGTU6 Incinerator	NO _x	5.22	22.85	10, 20, 21, 22, 23, 48	22, 48, 67	48
			VOC	0.35	1.54	10, 20, 21, 22, 23, 48	22, 48, 67	48

Major NSR Summary Table

Permit Numbers: 6056, PSDTX1062M4, and PSDTX1534M1						Issuance Date: July 17, 2025		
Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
			SO ₂	71.11	311.47	6, 10, 20, 21, 22, 23, 24, 48	22, 23, 24, 48, 67	48
			CO	12.44	54.51	10, 20, 21, 22, 23, 48	22, 48, 67	48
			PM	0.49	2.13	10, 20, 21, 22, 23	22, 48, 67	
			PM ₁₀	0.49	2.13	10, 20, 21, 22, 23	22, 48, 67	
			PM _{2.5}	0.49	2.13	10, 20, 21, 22, 23	22, 48, 67	
STGTU7-1	STGTU7-1	SRU7/TGTU7 Incinerator	NO _x	5.22	22.85	10, 20, 21, 22, 23, 48	22, 48, 67	48
			VOC	0.35	1.54	10, 20, 21, 22, 23, 48	22, 48, 67	48
			SO ₂	71.11	311.47	6, 10, 20, 21, 22, 23, 24, 48	22, 23, 24, 48, 67	48
			CO	12.44	54.51	10, 20, 21, 22, 23, 48	22, 48, 67	48
			PM	0.49	2.13	10, 20, 21, 22, 23	22, 48, 67	
			PM ₁₀	0.49	2.13	10, 20, 21, 22, 23	22, 48, 67	
			PM _{2.5}	0.49	2.13	10, 20, 21, 22, 23	22, 48, 67	
FPS3	PS No 3 FE	Power Station No.3 Fugitive Emissions	VOC	2.24	9.80	14, 15, 16, 17, 18	14, 15, 16, 17, 18	14, 15, 16, 17, 18
			NH ₃	0.03	0.14	37	37	
STGTU1-1	TGTUINCINR	SRU1/TGTU1 Incinerator	NO _x	6.00	18.22	10, 20, 21, 22, 23, 48	22, 48, 67	48
			VOC	0.40	1.23	10, 20, 21, 22, 23, 48	22, 48, 67	48
			SO ₂	62.22	236.83	6, 10, 20, 21, 22, 23, 24, 48	22, 23, 24, 48, 67	48
			CO	10.89	41.45	10, 20, 21, 22, 23, 48	22, 48, 67	48
			PM	0.56	1.70	10, 20, 21, 22, 23	22, 48, 67	
			PM ₁₀	0.56	1.70	10, 20, 21, 22, 23	22, 48, 67	
			PM _{2.5}	0.56	1.70	10, 20, 21, 22, 23	22, 48, 67	
STGTU2-1	STGTU2-1	SRU2/TGTU1 Incinerator	NO _x	7.50	22.78	10, 20, 21, 22, 23, 48	22, 48, 67	48
			VOC	0.40	1.23	10, 20, 21, 22, 23, 48	22, 48, 67	48

Major NSR Summary Table

Permit Numbers: 6056, PSDTX1062M4, and PSDTX1534M1						Issuance Date: July 17, 2025		
Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
			SO ₂	62.22	236.83	6, 10, 20, 21, 22, 23, 24, 48	22, 23, 24, 48, 67	48
			CO	10.89	41.45	10, 20, 21, 22, 23, 48	22, 48, 67	48
			PM	0.56	1.70	10, 20, 21, 22, 23	22, 48, 67	
			PM ₁₀	0.56	1.70	10, 20, 21, 22, 23	22, 48, 67	
			PM _{2.5}	0.56	1.70	10, 20, 21, 22, 23	22, 48, 67	
SPS3-4	SPS3-4	Boiler 34 (Normal and MSS Operation)	NO _x	117.40	514.20	7, 8, 9, 10, 50, 52, 53, 54, 66	68	54
			VOC	3.20	14.10	7, 8, 10, 50, 52	68	
			SO ₂	32.90	72.20	7, 8, 10, 50, 52	68	
			CO	49.00	214.60	7, 8, 10, 50, 52, 53, 54, 66	68	54
			PM ₁₀	8.19	22.40	7, 8, 10, 50, 51, 52	51, 68	
			PM _{2.5}	8.19	22.40	7, 8, 10, 50, 51, 52	51, 68	
SPS3-5	SPS3-5	Boiler 35 (Normal and MSS operation)	NO _x	117.40	514.20	7, 8, 9, 10, 50, 52, 53, 54, 66	68	54
			VOC	3.20	14.10	7, 8, 10, 50, 52	68	
			SO ₂	32.90	72.20	7, 8, 10, 50, 52	68	
			CO	49.00	214.60	7, 8, 10, 50, 52, 53, 54, 66	68	54
			PM ₁₀	8.19	22.40	7, 8, 10, 50, 51, 52	51, 68	
			PM _{2.5}	8.19	22.40	7, 8, 10, 50, 51, 52	51, 68	

- (1) Emission point identification – either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. 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
- 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

CO - carbon monoxide

Cl₂ - chlorine

H₂S - hydrogen sulfide

NH₃ - ammonia

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations
- (6) Refer to Attachment 10 – Emission Groups for the specific EPNs, Facility Identification Numbers and source names included in each group.

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
VDCU1	Delayed Coking Unit 1 Vent	VOC	55.00	34.38	37,49	37,49	49
		PM	1.76	1.10	37,49	37,49	49
		PM ₁₀	1.76	1.10	37,49	37,49	49
		PM _{2.5}	1.76	1.10	37,49	37,49	49
		SO ₂	0.02	0.01	37,49	37,49	49
		H ₂ S	3.63	2.27	37,49	37,49	49
FKCRU4	CRU 4 Cooling Tower (5)	VOC	0.60	1.12	21, 49	21,45,49	49
		PM	0.43	1.87	20	20,45	
		PM ₁₀	0.33	1.45	20	20,45	
		PM _{2.5}	0.01	0.01	20	20,45	
FKFCCU1&2	Alky Cooling Tower (5)	VOC	1.89	3.55	21, 49	21,45,49	49
		PM	1.35	5.92	20	20,45	
		PM ₁₀	1.05	4.59	20	20,45	
		PM _{2.5}	0.01	0.01	20	20,45	
FKFCCU3	FCCU 3 Cooling Tower (5)	VOC	4.41	8.28	21, 49, 51	21, 45, 49, 51	49, 51
		PM	3.15	13.81	20	20,45	
		PM ₁₀	2.45	10.72	20	20,45	
		PM _{2.5}	0.01	0.03	20	20,45	
FK33PH	No. 33PH East Cooling Tower (5)	VOC	0.60	1.13	21, 49	21, 45, 49	49
		PM	0.43	1.89	20	20,45	
		PM ₁₀	0.33	1.46	20	20,45	
		PM _{2.5}	0.01	0.01	20	20,45	
FKDCU1	DCU 1 Cooling Tower (5)	VOC	0.88	1.66	21, 49	21, 45, 49	49

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	0.13	0.55	19	19, 45	
		PM ₁₀	0.10	0.43	19	19, 45	
		PM _{2.5}	0.01	0.01	19	19, 45	
FK33PH	No. 33PH West Cooling Tower (5)	VOC	0.06	0.11	21, 49	21, 45, 49	49
		PM	0.04	0.18	20	20, 45	
		PM ₁₀	0.03	0.14	20	20,45	
		PM _{2.5}	0.01	0.01	20	20,45	
FKMPU4	MPU No. 4 Cooling Tower (5)	VOC	0.92	1.73	21, 49	21, 45, 49	49
		PM	0.66	2.89	20	20,45	
		PM ₁₀	0.51	2.25	20	20,45	
		PM _{2.5}	0.01	0.01	20	20,45	
FKHTU1&2	HTU No. 1 and 2 Cooling Tower (5)	VOC	0.37	0.69	21, 49	21, 45, 49	49
		PM	0.26	1.14	20	20,45	
		PM ₁₀	0.20	0.89	20	20,45	
		PM _{2.5}	0.01	0.01	20	20,45	
FKHTU3	HTU No. 3 Cooling Tower (5)	VOC	0.13	0.25	21, 49	21, 45, 49	49
		PM	0.10	0.42	20	20,45	
		PM ₁₀	0.07	0.33	20	20,45	
		PM _{2.5}	0.01	0.01	20	20,45	
FKMPU3	MPU No. 3 Cooling Tower (5)	VOC	0.92	1.73	21, 49	21, 45, 49	49
		PM	0.66	2.89	20	20,45	
		PM ₁₀	0.51	2.25	20	20,45	
		PM _{2.5}	0.01	0.01	20	20,45	

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
FKHTU5	HTU5 Cooling Tower (5)	VOC	0.38	0.71	22, 49	22, 45, 49	22, 49
		PM	0.05	0.24	19	19, 45	
		PM ₁₀	0.05	0.18	19	19, 45	
		PM _{2.5}	0.01	0.01	19	19, 45	
FKVPS2	VPS No. 2 Cooling Tower (5)	VOC	1.13	2.13	21, 49	21, 45, 49	49
		PM	0.81	3.55	20	20,45	
		PM ₁₀	0.63	2.76	20	20,45	
		PM _{2.5}	0.01	0.01	20	20,45	
FKVPS4	VPS No. 4 Cooling Tower (5)	VOC	1.36	2.55	21, 49	21, 45, 49	49
		PM	0.97	4.25	20	20,45	
		PM ₁₀	0.75	3.30	20	20,45	
		PM _{2.5}	0.01	0.01	20	20,45	
Combustion Sources							
SFCCU3-2	FCCU No. 3 Regenerator	NO _x	149.00	256.09	9, 25, 41, 42, 45, 49, 51	9, 25, 41, 42, 45, 49, 51	45, 51
		VOC	20.63	90.35	9, 25, 41, 45, 49, 51	9, 25, 41, 45, 49, 51	38, 49, 51
		SO ₂	50.00	57.00	8, 9, 25, 38, 41, 42, 45, 49, 50, 51	8, 9, 25, 38, 41, 42, 45, 49, 50, 51	38, 42, 49, 51
		CO	415.87	1,821.49	9, 25, 41, 42, 45, 49, 51	9, 25, 41, 42, 45, 49, 51	42, 49, 51
		PM	71.17	311.71	9, 25, 38, 43, 45, 49, 50, 51	9, 25, 38, 43, 45, 49, 50, 51	38, 43, 49, 51
		PM ₁₀	30.00	100.00	9, 38, 43, 45, 49, 50, 51	9, 38, 43, 45, 49, 50, 51	38, 43, 49, 51
		PM _{2.5}	30.00	80.00	9, 38, 43, 45, 49, 50, 51	9, 38, 43, 45, 49, 50, 51	38, 43, 49, 51
		HCN	53.30	233.47	25, 38, 44, 49	25, 38, 44, 45, 49	25, 38, 49

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SCRU4-1	Combined Heater Stack **	NO _x	47.47	178.23	9, 38, 39, 42 41, 42, 45	9, 38, 39, 42 41, 42, 45	42
		VOC	4.27	16.02	9, 45	9, 45	
		SO ₂	29.47	65.84	8, 9, 41, 42, 45	8, 9, 41, 42, 45	42
		CO	65.16	244.63	9, 45	9, 45	
		PM	5.90	22.13	9, 45	9, 45	
		PM ₁₀	5.90	22.13	9, 45	9, 45	
		PM _{2.5}	5.90	22.13	9, 45	9, 45	
SCDHDS1	CDHDS1 Heater	NO _x	4.38	14.06	9, 45, 51	9, 45, 51	51
		VOC	0.39	1.26	9, 45, 51	9, 45, 51	51
		SO ₂	2.72	5.19	8, 9, 41, 42, 45, 51	8, 9, 41, 42, 45, 51	42, 51
		CO	6.00	19.30	9, 45, 51	9, 45, 51	51
		PM	0.54	1.75	9, 45, 51	9, 45, 51	51
		PM ₁₀	0.54	1.75	9, 45, 51	9, 45, 51	51
		PM _{2.5}	0.54	1.75	9, 45, 51	9, 45, 51	51
SFCCU3-1	FCCU 3 Charge Heater	NO _x	9.91	25.31	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.89	2.27	9, 45, 51	9, 45, 51	51
		SO ₂	6.15	9.35	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	13.60	34.74	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	1.23	3.14	9, 45, 51	9, 45, 51	51
		PM ₁₀	1.23	3.14	9, 45, 51	9, 45, 51	51
		PM _{2.5}	1.23	3.14	9, 45, 51	9, 45, 51	51
SHCU1-1	HCU No. 1 Reactor No.1 Heater	NO _x	4.20	15.77	9, 38, 45, 51	9, 38, 45, 51	38, 51

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		VOC	0.28	1.06	9, 45, 51	9, 45, 51	51
		SO ₂	1.96	4.37	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	4.32	16.23	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	0.39	1.47	9, 45, 51	9, 45, 51	51
		PM ₁₀	0.39	1.47	9, 45, 51	9, 45, 51	51
		PM _{2.5}	0.39	1.47	9, 45, 51	9, 45, 51	51
SHCU1-2	HCU No. 1 Reactor No.2 Heater	NO _x	5.32	19.97	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.36	1.35	9, 45, 51	9, 45, 51	51
		SO ₂	2.48	5.53	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	5.48	20.56	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	0.50	1.86	9, 45, 51	9, 45, 51	51
		PM ₁₀	0.50	1.86	9, 45, 51	9, 45, 51	51
		PM _{2.5}	0.50	1.86	9, 45, 51	9, 45, 51	51
SHCU1-3	HCU No. 1 Preflash Boiler	NO _x	7.19	26.98	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.48	1.82	9, 45, 51	9, 45, 51	51
		SO ₂	3.35	7.48	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	7.40	27.77	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	0.67	2.51	9, 45, 51	9, 45, 51	51
		PM ₁₀	0.67	2.51	9, 45, 51	9, 45, 51	51
		PM _{2.5}	0.67	2.51	9, 45, 51	9, 45, 51	51
SHCU1-4	HCU No. 1 Fractionator Boiler	NO _x	7.20	31.54	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.49	2.13	9, 45, 51	9, 45, 51	51
		SO ₂	3.35	8.74	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	7.41	32.46	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	0.67	2.94	9, 45, 51	9, 45, 51	51
		PM ₁₀	0.67	2.94	9, 45, 51	9, 45, 51	51
		PM _{2.5}	0.67	2.94	9, 45, 51	9, 45, 51	51
SHTU2-1	HTU No. 2 Charge Heater	NO _x	3.78	14.19	9, 38, 45	9, 38, 45	38
		VOC	0.34	1.28	9, 45	9, 45	
		SO ₂	2.35	5.24	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	5.19	19.48	9, 38, 45	9, 38, 45	38
		PM	0.47	1.76	9, 45	9, 45	
		PM ₁₀	0.47	1.76	9, 45	9, 45	
		PM _{2.5}	0.47	1.76	9, 45	9, 45	
SHTU2-2	HTU No. 2 Reboiler	NO _x	2.94	11.04	9, 38, 45	9, 38, 45	38
		VOC	0.26	0.99	9, 45	9, 45	
		SO ₂	1.83	4.08	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	4.04	15.15	9, 38, 45	9, 38, 45	38
		PM	0.37	1.37	9, 45	9, 45	
		PM ₁₀	0.37	1.37	9, 45	9, 45	
		PM _{2.5}	0.37	1.37	9, 45	9, 45	
SHTU3-1	HTU No. 3 Charge Heater	NO _x	4.21	15.79	9, 38, 45	9, 38, 45	38
		VOC	0.38	1.42	9, 45	9, 45	
		SO ₂	2.61	5.83	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	5.77	21.68	9, 38, 45	9, 38, 45	38
		PM	0.52	1.96	9, 45	9, 45	

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	0.52	1.96	9, 45	9, 45	
		PM _{2.5}	0.52	1.96	9, 45	9, 45	
SHTU3-2	HTU No. 3 Reboiler	NO _x	4.23	14.48	9, 38, 45	9, 38, 45	38
		VOC	0.38	1.30	9, 45	9, 45	
		SO ₂	2.62	5.35	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	5.80	19.87	9, 38, 45	9, 38, 45	38
		PM	0.53	1.80	9, 45	9, 45	
		PM ₁₀	0.53	1.80	9, 45	9, 45	
		PM _{2.5}	0.53	1.80	9, 45	9, 45	
SHTU4-1	CHGE Heater 1	NO _x	3.83	9.15	9, 45	9, 45	
		VOC	0.21	0.49	9, 45	9, 45	
		SO ₂	1.43	2.03	8, 9, 41, 42, 45	8, 9, 41, 42, 45	42
		CO	3.15	7.54	9, 45	9, 45	
		PM	0.29	0.68	9, 45	9, 45	
		PM ₁₀	0.29	0.68	9, 45	9, 45	
		PM _{2.5}	0.29	0.68	9, 45	9, 45	
SHTU4-2	CHGE Heater 2	NO _x	3.83	9.15	9, 45	9, 45	
		VOC	0.21	0.49	9, 45	9, 45	
		SO ₂	1.43	2.03	8, 9, 41, 42, 45	8, 9, 41, 42, 45	42
		CO	3.15	7.54	9, 45	9, 45	
		PM	0.29	0.68	9, 45	9, 45	
		PM ₁₀	0.29	0.68	9, 45	9, 45	
		PM _{2.5}	0.29	0.68	9, 45	9, 45	

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			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SHTU4-3	Reboiler Heater	NO _x	2.33	6.66	9, 45	9, 45	
		VOC	0.16	0.45	9, 45	9, 45	
		SO ₂	1.09	1.84	8, 9, 41, 42, 45	8, 9, 41, 42, 45	42
		CO	2.40	6.85	9, 45	9, 45	
		PM	0.22	0.62	9, 45	9, 45	
		PM ₁₀	0.22	0.62	9, 45	9, 45	
		PM _{2.5}	0.22	0.62	9, 45	9, 45	
SHTU4-4	Recycle Gas Heater	NO _x	8.22	28.17	9, 38, 45	9, 38, 45	38
		VOC	0.55	1.90	9, 45	9, 45	
		SO ₂	3.83	7.81	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	
		CO	8.46	29.00	9, 38, 45	9, 38, 45	38
		PM	0.77	2.62	9, 45	9, 45	
		PM ₁₀	0.77	2.62	9, 45	9, 45	
		PM _{2.5}	0.77	2.62	9, 45	9, 45	
SHTU5	HTU5 Heater	NO _x	2.46	9.22	9, 38, 45	9, 38, 45	38
		VOC	0.38	1.42	9, 45	9, 45	
		SO ₂	2.61	5.84	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	2.56	9.62	9, 38, 45	9, 38, 45	38
		PM	0.53	1.98	9, 45	9, 45	
		PM ₁₀	0.53	1.98	9, 45	9, 45	
		PM _{2.5}	0.53	1.98	9, 45	9, 45	
SLCDU1-1	LCDU Reactor Heater	NO _x	2.12	7.28	9, 45	9, 45	
		VOC	0.19	0.65	9, 45	9, 45	

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			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO ₂	1.32	2.69	8, 9, 41, 42, 45	8, 9, 41, 42, 45	42
		CO	2.91	9.99	9, 45	9, 45	
		PM	0.26	0.90	9, 45	9, 45	
		PM ₁₀	0.26	0.90	9, 45	9, 45	
		PM _{2.5}	0.26	0.90	9, 45	9, 45	
SLCDU1-2	LCDU Charge Heater	NO _x	2.59	9.72	9, 45	9, 45	
		VOC	0.23	0.87	9, 45	9, 45	
		SO ₂	1.61	3.59	8, 9, 41, 42, 45	8, 9, 41, 42, 45	42
		CO	3.55	13.35	9, 45	9, 45	
		PM	0.32	1.21	9, 45	9, 45	
		PM ₁₀	0.32	1.21	9, 45	9, 45	
		PM _{2.5}	0.32	1.21	9, 45	9, 45	
SMPU3-1	MPU Refined Oil Mix Heater	NO _x	3.31	12.61	9, 38, 45	9, 38, 45	38
		VOC	0.22	0.85	9, 45	9, 45	
		SO ₂	1.54	3.49	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	3.41	12.99	9, 38, 45	9, 38, 45	38
		PM	0.31	1.17	9, 45	9, 45	
		PM ₁₀	0.31	1.17	9, 45	9, 45	
		PM _{2.5}	0.31	1.17	9, 45	9, 45	
SMPU3-2	MPU No. 3 Extract Heater	NO _x	8.94	34.02	9, 38, 45	9, 38, 45	38
		VOC	0.60	2.29	9, 45	9, 45	
		SO ₂	4.16	9.43	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	9.20	35.02	9, 38, 45	9, 38, 45	38

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	0.83	3.17	9, 45	9, 45	
		PM ₁₀	0.83	3.17	9, 45	9, 45	
		PM _{2.5}	0.83	3.17	9, 45	9, 45	
SMPU4	MPU 4 Secondary Heater Stack	NO _x	4.24	16.57	9, 38, 45	9, 38, 45	38
		VOC	0.29	1.12	9, 45	9, 45	
		SO ₂	1.97	4.59	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	4.36	17.06	9, 38, 45	9, 38, 45	38
		PM	0.39	1.54	9, 45	9, 45	
		PM ₁₀	0.39	1.54	9, 45	9, 45	
		PM _{2.5}	0.39	1.54	9, 45	9, 45	
SMPU4C	MPU No 4 Extract Heater	NO _x	9.07	39.74	9, 38, 45	9, 38, 45	38
		VOC	0.61	2.68	9, 45	9, 45	
		SO ₂	4.22	11.01	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	9.34	40.90	9, 38, 45	9, 38, 45	38
		PM	0.84	3.70	9, 45	9, 45	
		PM ₁₀	0.84	3.70	9, 45	9, 45	
		PM _{2.5}	0.84	3.70	9, 45	9, 45	
SCDHydro/S CHDS2	CDHydro/CDHDS2 Heater	NO _x	3.67	13.05	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.50	1.76	9, 45, 51	9, 45, 51	51
		SO ₂	3.42	7.23	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	7.56	26.87	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	0.68	2.43	9, 45, 51	9, 45, 51	51
		PM ₁₀	0.68	2.43	9, 45, 51	9, 45, 51	51

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	0.68	2.43	9, 45, 51	9, 45, 51	51
SHCU1-5	HCU No. 1 Prefractionator Heater	NO _x	1.13	4.10	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.25	0.94	9, 45, 51	9, 45, 51	51
		SO ₂	1.74	3.88	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	3.84	14.43	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	0.35	1.31	9, 45, 51	9, 45, 51	51
		PM ₁₀	0.35	1.31	9, 45, 51	9, 45, 51	51
		PM _{2.5}	0.35	1.31	9, 45, 51	9, 45, 51	51
SDCU1-1	Coker Heater No.1	NO _x	17.56	65.42	9, 45, 51	9, 45, 51	51
		VOC	1.18	4.41	9, 45, 51	9, 45, 51	51
		SO ₂	8.17	18.12	8, 9, 41, 42, 45, 51	8, 9, 41, 42, 45, 51	42, 51
		CO	18.07	67.34	9, 45, 51	9, 45, 51	51
		PM	1.64	6.09	9, 45, 51	9, 45, 51	51
		PM ₁₀	1.64	6.09	9, 45, 51	9, 45, 51	51
		PM _{2.5}	1.64	6.09	9, 45, 51	9, 45, 51	51
SDCU1-2	Coker Heater No.2	NO _x	17.56	65.42	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	1.18	4.41	9, 45, 51	9, 45, 51	51
		SO ₂	8.17	18.12	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	18.07	67.34	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	1.64	6.09	9, 45, 51	9, 45, 51	51
		PM ₁₀	1.64	6.09	9, 45, 51	9, 45, 51	51
		PM _{2.5}	1.64	6.09	9, 45, 51	9, 45, 51	51
SHTU3-3	HTU No.3 Hydrogen Heater	NO _x	0.70	2.63	9, 45	9, 45	

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			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		VOC	0.13	0.47	9, 45	9, 45	
		SO ₂	0.87	1.94	8, 9, 41, 42, 45	8, 9, 41, 42, 45	42
		CO	1.92	7.21	9, 45	9, 45	
		PM	0.17	0.65	9, 45	9, 45	
		PM ₁₀	0.17	0.65	9, 45	9, 45	
		PM _{2.5}	0.17	0.65	9, 45	9, 45	
SVPS2-1	VPS No.2 Common Heater Stack ***	NO _x	13.52	50.37	9, 10, 38, 41, 42, 45	9, 10, 38, 41, 42, 45	38, 42
		VOC	1.82	6.79	9, 45	9, 45	
		SO ₂	12.59	27.91	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	27.84	103.70	9, 38, 45	9, 38, 45	38
		PM	2.52	9.38	9, 45	9, 45	
		PM ₁₀	2.52	9.38	9, 45	9, 45	
		PM _{2.5}	2.52	9.38	9, 45	9, 45	
SVPS2-2	VPS No. 2, No. 4 Atmospheric Heater	NO _x	2.80	10.51	9, 38, 45	9, 38, 45	38
		VOC	0.38	1.42	9, 45	9, 45	
		SO ₂	2.61	5.82	8, 9, 38, 41, 42, 45	8, 9, 38, 41, 42, 45	38, 42
		CO	5.76	21.64	9, 38, 45	9, 38, 45	38
		PM	0.52	1.96	9, 45	9, 45	
		PM ₁₀	0.52	1.96	9, 45	9, 45	
		PM _{2.5}	0.52	1.96	9, 45	9, 45	
SVPS4-1	VPS No. 4, No. 3 Atmospheric Heater	NO _x	8.40	36.79	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.75	3.31	9, 45, 51	9, 45, 51	51
		SO ₂	5.22	13.59	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	11.53	50.50	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	1.04	4.57	9, 45, 51	9, 45, 51	51
		PM ₁₀	1.04	4.57	9, 45, 51	9, 45, 51	51
		PM _{2.5}	1.04	4.57	9, 45, 51	9, 45, 51	51
SVPS4-4	VPS No. 4 Naphtha Splitter Reboiler	NO _x	3.48	15.24	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.31	1.37	9, 45, 51	9, 45, 51	51
		SO ₂	2.16	5.63	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	4.78	20.92	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	0.43	1.89	9, 45, 51	9, 45, 51	51
		PM ₁₀	0.43	1.89	9, 45, 51	9, 45, 51	51
		PM _{2.5}	0.43	1.89	9, 45, 51	9, 45, 51	51
SVPS4-2	Atmospheric Heater No. 1 (7)	NO _x	10.50	---	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.94	---	9, 45, 51	9, 45, 51	51
		SO ₂	6.52	---	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	14.41	---	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	1.30	---	9, 45, 51	9, 45, 51	51
		PM ₁₀	1.30	---	9, 45, 51	9, 45, 51	51
		PM _{2.5}	1.30	---	9, 45, 51	9, 45, 51	51
SVPS4-3	Atmospheric Heater No. 2 (7)	NO _x	10.50	---	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.94	---	9, 45, 51	9, 45, 51	51
		SO ₂	6.52	---	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	14.41	---	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	1.30	---	9, 45, 51	9, 45, 51	51

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			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	1.30	---	9, 45, 51	9, 45, 51	51
		PM _{2.5}	1.30	---	9, 45, 51	9, 45, 51	51
SVPS4-5	Vacuum Heater No. 1	NO _x	8.70	---	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.78	---	9, 45, 51	9, 45, 51	51
		SO ₂	5.40	---	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	11.94	---	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	1.08	---	9, 45, 51	9, 45, 51	51
		PM ₁₀	1.08	---	9, 45, 51	9, 45, 51	51
		PM _{2.5}	1.08	---	9, 45, 51	9, 45, 51	51

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			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SVPS4-6	Vacuum Heater No. 2	NO _x	8.70	---	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	0.78	---	9, 45, 51	9, 45, 51	51
		SO ₂	5.40	---	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	11.94	---	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	1.08	---	9, 45, 51	9, 45, 51	51
		PM ₁₀	1.08	---	9, 45, 51	9, 45, 51	51
		PM _{2.5}	1.08	---	9, 45, 51	9, 45, 51	51
SVPS4-7	Combined Heater Stack (7)	NO _x	39.36	165.80	9, 38, 45, 51	9, 38, 45, 51	38, 51
		VOC	3.54	15.49	9, 45, 51	9, 45, 51	51
		SO ₂	24.44	63.68	8, 9, 38, 41, 42, 45, 51	8, 9, 38, 41, 42, 45, 51	38, 42, 51
		CO	54.02	236.62	9, 38, 45, 51	9, 38, 45, 51	38, 51
		PM	4.89	21.41	9, 45, 51	9, 45, 51	51
		PM ₁₀	4.89	21.41	9, 45, 51	9, 45, 51	51
		PM _{2.5}	4.89	21.41	9, 45, 51	9, 45, 51	51
ASTUTO	ASTU Thermal Oxidizer	NO _x	1.32	3.47	9, 12, 13, 14, 38, 45	9, 12, 13, 14, 38, 45, 47, 48	38, 47, 48
		VOC	0.13	0.34	9, 12, 13, 14, 38, 45	9, 12, 13, 14, 38, 45, 47, 48	38, 47, 48
		SO ₂	0.07	0.17	8, 9, 12, 13, 14, 45	9, 12, 13, 14, 45, 47, 48	47, 48
		CO	0.89	2.33	9, 12, 13, 14, 38, 45	9, 12, 13, 14, 38, 45, 47, 48	38, 47, 48
		PM	0.18	0.47	9, 12, 13, 14, 45	9, 12, 13, 14, 45, 47, 48	47, 48
		PM ₁₀	0.18	0.47	9, 12, 13, 14, 45	9, 12, 13, 14, 45, 47, 48	47, 48
		PM _{2.5}	0.18	0.47	9, 12, 13, 14, 45	9, 12, 13, 14, 45, 47, 48	47, 48

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			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
Loading Operations							
FLR39	Loading Rack No. 39	VOC	0.44	0.34	5, 45	5, 45	
Storage Tanks							
TAL35140	Fresh Sulfuric Acid Tank	H2SO4	0.29	0.01	2, 45	2, 45	
TAL35141	Fresh Sulfuric Acid Tank	H2SO4	0.29	0.01	2, 45	2, 45	
TST01415	Storage Tank No. 1415	VOC	1.55	2.65	2, 45, 49	2, 45, 49	49
TST01691	Storage Tank No. 1691	VOC	6.44	3.64	2, 45, 49	2, 45, 49	49
TST01728	Storage Tank No. 1728	VOC	0.11	0.24	2, 45, 49	2, 45, 49	49
Tanks within the Tank Group emissions cap EPN TNKGRP2							
TML01247	Storage Tank No. 1247	VOC	5.62	--	2, 4, 45, 49	2, 45, 49	49
TML01248	Storage Tank No. 1248	VOC	6.78	--	2, 4, 45, 49	2, 45, 49	49
TML01250	Storage Tank No. 1250	VOC	6.19	--	2, 4, 45, 49	2, 45, 49	49
TML01251	Storage Tank No. 1251	VOC	6.16	--	2, 4, 45, 49	2, 45, 49	49
TML01252	Storage Tank No. 1252	VOC	6.81	--	2, 4, 45, 49	2, 45, 49	49
TML01254	Storage Tank No. 1254	VOC	6.40	--	2, 4, 45, 49	2, 45, 49	49
TST01475	Storage Tank No. 1475	VOC	0.98	--	2, 4, 45, 49, 51	2, 45, 49, 51	49, 51
TML01490	Storage Tank No. 1490	VOC	2.08	--	2, 4, 45, 49	2, 45, 49	49
TST01510	Storage Tank No. 1510	VOC	1.94	--	2, 4, 45, 49	2, 45, 49	49
TST01511	Storage Tank No. 1511	VOC	2.40	--	2, 4, 45, 49	2, 45, 49	49
TML01524	Storage Tank No. 1524	VOC	7.37	--	2, 4, 45, 49, 52	2, 45, 49	49
TML01525	Storage Tank No. 1525	VOC	2.18	--	2, 4, 45, 49	2, 45, 49	49
TML01526	Storage Tank No. 1526	VOC	11.16	--	2, 4, 45, 49, 52	2, 45, 49	49
TST01552	Storage Tank No. 1552	VOC	0.83	--	2, 4, 45, 49, 51	2, 45, 49, 51	49, 51

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			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
TST01553	Storage Tank No. 1553	VOC	1.96	--	2, 4, 45, 49	2, 45, 49	49
TST01600	Storage Tank No. 1600	VOC	4.11	--	2, 4, 45, 49, 52	2, 45, 49	49
TST01601	Storage Tank No. 1601	VOC	2.11	--	2, 4, 45, 49	2, 45, 49	49
TML01663	Storage Tank No. 1663	VOC	7.61	--	2, 4, 45, 49	2, 45, 49	49
TST01671	Storage Tank No. 1671	VOC	1.49	--	2, 4, 45, 49	2, 45, 49	49
TST01679	Storage Tank No. 1679	VOC	7.03	--	2, 4, 45, 49, 52	2, 45, 49	49
TML01698	Storage Tank No. 1698	VOC	5.67	--	2, 4, 45, 47, 49	45, 47, 49	47, 49
TML01699	Storage Tank No. 1699	VOC	5.67	--	2, 4, 45, 49	2, 45, 49	49
TST01712	Storage Tank No. 1712	VOC	5.36	--	2, 4, 45, 49, 52	2, 45, 49	49
TST01718	Storage Tank No. 1718	VOC	2.09	--	2, 4, 45, 49, 51	2, 45, 49, 51	49, 51
TST01719	Storage Tank No. 1719	VOC	23.00	--	2, 4, 45, 49, 51	2, 45, 49, 51	49, 51
TML01767	Storage Tank No. 1767	VOC	3.23	--	2, 4, 45, 47, 49	2, 45, 47, 49	47, 49
TML01768	Storage Tank No. 1768	VOC	3.19	--	2, 4, 45, 49	2, 45, 49	49
TST01775	Storage Tank No. 1775	VOC	1.67	--	2, 4, 45, 47, 49	2, 45, 47, 49	47, 49
TST01787	Storage Tank No. 1787	VOC	1.15	--	2, 4, 45, 47, 49	2, 45, 47, 49	47, 49
TVA01821	Storage Tank No. 1821 (FIN TK 1821)	VOC	3.32	--	2, 3, 4, 45, 49	2, 45, 49	49
TST01885	Storage Tank No. 1885	VOC	1.54	--	2, 4, 45, 47, 49, 51	2, 45, 47, 49, 51	47, 49, 51
TST01886	Storage Tank No. 1886	VOC	1.78	--	2, 4, 45, 47, 49	2, 45, 47, 49	47, 49
TST01893	Storage Tank No. 1893	VOC	9.83	--	2, 4, 45, 49, 52	2, 45, 49	49
TST01894	Storage Tank No. 1894	VOC	7.31	--	2, 4, 45, 49, 52	2, 45, 49	49
TST01895	Storage Tank No. 1895	VOC	1.55	--	2, 4, 45, 47, 49, 51	2, 45, 47, 49, 51	47, 49, 51
TML01904	Storage Tank No. 1904	VOC	6.45	--	2, 4, 45, 47, 49	2, 45, 47, 49	47, 49

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
TST01913	Storage Tank No. 1913	VOC	0.94	--	2, 4, 45, 47, 49	2, 45, 47, 49	47, 49
TST01920	Storage Tank No. 1920	VOC	2.13	--	2, 4, 45, 47, 49	2, 45, 47, 49	47, 49
TST01932	Storage Tank No. 1932	VOC	5.64	--	2, 4, 45, 47, 49, 51	2, 45, 47, 49, 51	47, 49, 51
TST01933	Storage Tank No. 1933	VOC	5.64	--	2, 4, 45, 47, 49, 51	2, 45, 47, 49, 51	47, 49, 51
TST01934	Storage Tank No. 1934	VOC	5.64	--	2, 4, 45, 47, 49, 51	2, 45, 47, 49, 51	47, 49, 51
TK1945	Storage Tank No. 1945	VOC	2.93	--	2, 4, 45, 47, 49	2, 45, 47, 49	47, 49
TK2040	Storage Tank No. 2040	VOC	2.93	--	2, 4, 45, 49	2, 45, 49	49
TK2041	Tank 2041	VOC	11.43	--	2, 4, 45, 49	2, 45, 49	49
TK2127	Storage Tank 2127	VOC	31.73	--	2, 3, 4, 45, 49	2, 3, 45, 49	49
TK2140	Storage Tank 2140	VOC	0.02	--	2, 4, 45, 49	2, 45, 49	49
TML19272	Storage Tank No. 19272	VOC	5.70	--	2, 4, 45, 49	2, 45, 49	49
TST21657	Storage Tank No. 21657	VOC	9.38	--	2, 4, 45, 49, 51	2, 45, 49	49
TST21774	Storage Tank No. 21774	VOC	7.74	--	2, 4, 45, 49, 52	2, 45, 49	49
TST21775	Storage Tank No. 21775	VOC	7.74	--	2, 4, 45, 49	2, 45, 49	49
TNKGPR2	Tank Group (6)	VOC	273.61	211.46	2, 45, 47, 48, 49	2, 45, 47, 48, 49	47, 48, 49

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
Vents							
SCRU4-2	Regen Vent Scrubber Emissions	NO _x	1.01	4.44			
		SO ₂	0.70	3.10			
		PM	0.06	0.28			
		PM ₁₀	0.06	0.28			
		PM _{2.5}	0.06	0.28			
		HCl	0.06	0.26	40, 49	40, 49	49
		Chlorine	0.01	0.05	40, 49	40, 49	49
SVVMPU3-3	MPU No. 3 Vacuum System Emissions	VOC	1.50	6.60			
Fugitive Emissions							
CAS	CAS Fugitive Emissions (5)	VOC	0.07	0.30	15, 16, 18, 47, 49	15, 16, 18, 45, 47, 49	47, 49
FLHCU	Lube Hydrocracker 1 Fugitives	VOC	0.27	1.17	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
FHTU5	HTU5 Fugitive Emissions (5)	VOC	3.96	17.33	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.07	0.30	23	23	
		NH ₃	0.01	0.01	24	24	
FCOKE1	Delayed Coking Unit Coke Handling Fugitives (5)	PM	0.01	0.01	34, 36	34, 36, 45	
		PM ₁₀	0.01	0.01		45	
		PM _{2.5}	0.01	0.01		45	
FALKY4	ALKY 4 Fugitive Emissions (5)	VOC	7.80	32.61	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
FASTU2	WW Collection Oil Recovery (5)	VOC	2.90	12.70	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
FBOTF	BOTF Fugitive Emissions (5)	VOC	0.28	1.22	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
FBSW	Bottoms, Solids, Water Tanks Farm Fugitives (5)	VOC	0.57	2.48	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
FCDHDS1	CDHDS1 Fugitive Emissions (5)	VOC	1.98	8.70	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.05	0.22	23	23	
FCDHDS2	CDHDS2 Fugitive Emissions (5)	VOC	3.24	14.18	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.10	0.45	23	23	
FCGHT	CGHT Fugitive Emissions (5)	VOC	0.01	0.01	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
FCRU4	CRU No. 4 Fugitive Emissions (5)	VOC	5.20	22.91	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.06	0.27	23	23	
FDCU1	DCU 1 Fugitive Emissions (5)	VOC	7.71	33.81	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.16	0.66	23	23	
		NH ₃	0.01	0.01	24	24	
FFCCU3	FCCU No. 3 Fugitive Emissions (5)	VOC	7.32	32.07	11, 15, 16, 17, 18, 47, 49, 51	11, 15, 16, 17, 18, 45, 47, 49, 51	47, 49
		H ₂ S	0.09	0.36	23	23	
		MDEA	0.22	0.97			
FGR-1	Flare Gas Recovery Fugitive Emissions (5)	VOC	0.93	4.04	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.16	0.69	23	23	

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
FGR-2	Flare Gas Recovery Fugitive Emissions (5)	VOC	1.07	4.67	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.16	0.70	23	23	
FHCU1	HCU No. 1 Fugitive Emissions (5)	VOC	4.48	19.56	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.09	0.33	23	23	
		NH ₃	0.01	0.02	24	24	
FHTU1	HTU No. 1 Fugitive Emissions (5)	VOC	1.62	7.11	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
FHTU2	HTU No. 2 Fugitive Emissions (5)	VOC	1.74	7.61	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.04	0.14	23	23	
FHTU3	HTU No. 3 Fugitive Emissions (5)	VOC	4.20	18.41	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.07	0.32	23	23	
FHTU4	HTU No. 4 Fugitive Emissions (5)	VOC	4.90	21.45	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.14	0.63	23	23	
FLCDU	LCDU Fugitive Emissions (5)	VOC	0.73	3.23	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.01	0.04	23	23	
FLF	PAP Landfill	VOC	0.01	0.01			
FLR43/44FE	Loading Rack Fugitive Emissions (5)	VOC	0.08	0.36	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
FMPU3	MPU No. 3 Fugitive Emissions (5)	VOC	0.81	3.52	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
FMPU4	MPU No. 4 Fugitive Emissions (5)	VOC	0.59	2.61	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
FNSGP	North Side Gas Plant Fugitive Emissions (5)	VOC	1.44	6.30	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.07	0.29	23	23	
FPH27	Pump House No. 27 Fugitive Emissions (5)	VOC	9.26	40.55	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
FPH57	Pump House No. 57 Fugitive Emissions (5)	VOC	2.88	12.60	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
FSCTLA	Lift Station Fugitives (5)	VOC	0.08	0.33	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
FU-Rack4	Loading Rack No. 4 Fugitive Emissions (5)	VOC	0.11	0.52	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
FVPS2	VPS No. 2 Fugitive Emissions (5)	VOC	3.74	16.37	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.02	0.10	23	23	
FVPS4	VPS No. 4 Fugitive Emissions (5)	VOC	6.05	26.51	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.04	0.17	23	23	
FWAGS	Wet Acid Gas Scrubber Fugitive Emissions (5)	VOC	0.51	2.22	11, 15, 16, 17, 18, 47, 49	11, 15, 16, 17, 18, 45, 47, 49	47, 49
		H ₂ S	0.05	0.21	23	23	
FWSGP	WSGP Fugitive Emissions (5)	VOC	0.07	0.26	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
FSPS3	FSPS3 Fugitive Emissions (5)	VOC	0.02	0.02	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
FTK2127	FTK2127 Fugitive Emissions (5)	VOC	0.43	1.86	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
						49	
FASTUTO	ASTU Thermal Oxidizer Fugitives (5)	VOC	0.07	0.30	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
PSAMP	Propylene Sampling in FCCU3	VOC	3.89	0.39	15, 16, 17, 18, 47, 49	15, 16, 17, 18, 45, 47, 49	47, 49
EFCCU3	FCCU No. 3 Flare Stack Pilots	NO _x	0.04	0.19	7	7	
		CO	0.31	1.34	7	7	
		SO ₂	0.01	0.01	7	7	
		VOC	0.01	0.03	7	7	
EHCU	HCU No. 1 Flare Stack Pilots	NO _x	0.20	0.87	7	7	
		CO	1.44	6.30	7	7	
		SO ₂	0.01	0.01	7	7	
		VOC	0.03	0.10	7	7	
EHTU	HTU No. 4 Flare Stack Pilots	NO _x	0.03	0.12	7	7	
		CO	0.20	0.86	7	7	
		SO ₂	0.01	0.01	7	7	
		VOC	0.01	0.02	7	7	
EVPS4	VPS No. 4 Flare Stack Pilots	NO _x	0.02	0.07	7	7	
		CO	0.12	0.53	7	7	
		SO ₂	0.01	0.01	7	7	
		VOC	0.01	0.01	7	7	
ECRU4	CRU No. 4 Flare Stack Pilots	NO _x	0.02	0.06	7	7	
		CO	0.10	0.42	7	7	

Major NSR Summary Table

Permit Numbers: 8404, PSDTX1062M5, and PSDTX1534M2					Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO ₂	0.01	0.01	7	7	
		VOC	0.01	0.01	7	7	
EDCU1	Delayed Coking Unit No. 1 Flare Stack Pilots	NO _x	0.08	0.33	7	7	
		CO	0.55	2.39	7	7	
		SO ₂	0.01	0.01	7	7	
		VOC	0.02	0.04	7	7	
EFCCU1&2	ALKY 4 Flare Stack Pilots	NO _x	0.04	0.19	7	7	
		CO	0.31	1.34	7	7	
		SO ₂	0.01	0.01	7	7	
		VOC	0.01	0.03	7	7	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. 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
 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
 CO - carbon monoxide
 H₂S - hydrogen sulfide
 H₂SO₄ - sulfuric acid
 HCl - hydrogen chloride
 HCN - hydrogen cyanide
 NH₃ - ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Refer to MAERT ATTACHMENT – TANK GROUP for the specific EPNs, Facility Identification Numbers, and source names included in this group.
- (7) The atmospheric and vacuum heaters (FINS VPS4ATM1HT, VPS4ATM2HT, VPS4VAC1HT, and VPS4VAC2HT) may exhaust through this common stack.
- ** The FINS included in EPN SCRU4-1 are CRU4INTHT1, CRU4INTHT2, CRU4NHTCHT, CRU4PLATHT, and CRU4SRBL.
- *** The FINS included in EPN SVPS2-1 are VPS2ATM1HT, VPS2ATM2HT, VPS2ATM3HT, VPS2VAC1HT, and VPS2VAC2HT.

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
CEP-FUG	Fugitives Group	CH ₄ (5)	220.04	4	3, 4	4
		CO _{2e}	5,500.88			
SCRU4-1	Combined Heater Stack	CO ₂ (5)	328,115.25	4	3, 4	4
		CH ₄ (5)	6.18			
		N ₂ O (5)	0.62			
		CO _{2e}	328,454.13			
SHTU6-1	HTU No. 6 Charge Heater 1	CO ₂ (5)	44,279.66	4	3, 4	4
		CH ₄ (5)	0.83			
		N ₂ O (5)	0.08			
		CO _{2e}	44,325.39			
SHTU6-2	HTU No. 6 Fractionator Reboiler	CO ₂ (5)	33,769.60	4	3, 4	4
		CH ₄ (5)	0.64			
		N ₂ O (5)	0.06			
		CO _{2e}	33,804.47			
SPS4-6	Boiler No. 46	CO ₂ (5)	305,366.48	4	3, 4	4
		CH ₄ (5)	5.76			
		N ₂ O (5)	0.58			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO _{2e}	305,681.86			
SHCU2-1	HCU No. 21 st Stage Charge Set A Heater	CO ₂ (5)	31,178.59	4	3, 4	4
		CH ₄ (5)	0.59			
		N ₂ O (5)	0.06			
		CO _{2e}	31,210.80			
SHCU2-2	HCU No. 21 st Stage Charge Set B Heater	CO ₂ (5)	31,178.59	4	3, 4	4
		CH ₄ (5)	0.59			
		N ₂ O (5)	0.06			
		CO _{2e}	31,210.80			
SHCU2-3	HCU No. 22 nd Charge Heater	CO ₂ (5)	39,568.25	4	3, 4	4
		CH ₄ (5)	0.75			
		N ₂ O (5)	0.07			
		CO _{2e}	39,609.12			
SHCU2-5	HCU No. 2 Fractionator Heater	CO ₂ (5)	238,247.34	4	3, 4	4
		CH ₄ (5)	4.49			
		N ₂ O (5)	0.45			
		CO _{2e}	238,493.40			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SHCU2-6	HCU No. 2 DHT Charge Heater	CO ₂ (5)	42,126.80	4	3, 4	4
		CH ₄ (5)	0.79			
		N ₂ O(5)	0.08			
		CO _{2e}	42,170.31			
SCRU5-1	#5 CRU Platformer No. 1 Intermediate Heater	CO ₂ (5)	199,615.40	4	3, 4	4
		CH ₄ (5)	3.76			
		N ₂ O(5)	0.38			
		CO _{2e}	199,821.56			
SCRU5-2	#5 CRU Platformer No. 2 Intermediate Heater	CO ₂ (5)	128,756.03	4	3, 4	4
		CH ₄ (5)	2.43			
		N ₂ O(5)	0.24			
		CO _{2e}	128,889.01			
SCRU5-2	#5 CRU Platformer No. 3 Intermediate Heater	CO ₂ (5)	98,424.33	4	3, 4	4
		CH ₄ (5)	1.85			
		N ₂ O(5)	0.19			
		CO _{2e}	98,525.98			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SCRU5-1	#5 CRU Platformer Heater	CO ₂ (5)	178,506.18	4	3, 4	4
		CH ₄ (5)	3.36			
		N ₂ O(5)	0.34			
		CO _{2e}	178,690.54			
SVPS4-1	VPS No. 4, No. 3 Atmospheric Heater	CO ₂ (5)	87,101.18	4	3, 4	4
		CH ₄ (5)	1.64			
		N ₂ O(5)	0.16			
		CO _{2e}	87,191.13			
SVPS4-2	Atmospheric Heater No. 1	CO ₂ (5)	89,662.98	4	3, 4	4
		CH ₄ (5)	1.69			
		N ₂ O(5)	0.17			
		CO _{2e}	89,755.58			
SVPS4-3	Atmospheric Heater No.2	CO ₂ (5)	89,662.98	4	3, 4	4
		CH ₄ (5)	1.69			
		N ₂ O(5)	0.17			
		CO _{2e}	89,755.58			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SVPS4-4	VPS No. Naphtha Splitter Reboiler	CO ₂ (5)	29,716.87	4	3, 4	4
		CH ₄ (5)	0.56			
		N ₂ O(5)	0.06			
		CO _{2e}	29,747.56			
SVPS4-5	Vacuum Heater No. 1	CO ₂ (5)	74,292.18	4	3, 4	4
		CH ₄ (5)	1.40			
		N ₂ O(5)	0.14			
		CO _{2e}	74,368.91			
SVPS4-6	Vacuum Heater No. 2	CO ₂ (5)	74,292.18	4	3, 4	4
		CH ₄ (5)	1.40			
		N ₂ O(5)	0.14			
		CO _{2e}	74,368.91			
SMPU3-1	MPU Refined Oil Mix Heater	CO ₂ (5)	1,615.00	4	3, 4	4
		CH ₄ (5)	0.03			
		N ₂ O(5)	0.00			
		CO _{2e}	1,616.00			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SMPU3-2	MPU No. 3 Extract Heater	CO ₂ (5)	3,272.00	4	3, 4	4
		CH ₄ (5)	0.06			
		N ₂ O(5)	0.01			
		CO _{2e}	3,275.00			
SMPU4	MPU 4 Secondary Heater Stack	CO ₂ (5)	77.00	4	3, 4	4
		CH ₄ (5)	0.01			
		N ₂ O(5)	0.00			
		CO _{2e}	77.00			
SMPU4	MPU 4 No. 4 R.O. Heater	CO ₂ (5)	398.00	4	3, 4	4
		CH ₄ (5)	0.01			
		N ₂ O(5)	0.00			
		CO _{2e}	398.00			
SMPU4C	MPU No. 4 Extract Heater	CO ₂ (5)	2,440.00	4	3, 4	4
		CH ₄ (5)	0.05			
		N ₂ O(5)	0.00			
		CO _{2e}	2,443.00			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SHTU4-3	Reboiler Heater	CO ₂ (5)	9,734.84	4	3, 4	4
		CH ₄ (5)	0.18			
		N ₂ O(5)	0.02			
		CO _{2e}	9,744.89			
SHTU4-4	Recycle Gas Heater	CO ₂ (5)	41,193.73	4	3, 4	4
		CH ₄ (5)	0.78			
		N ₂ O(5)	0.08			
		CO _{2e}	41,236.28			
SVPS5-1	VPS No. 5 No. ½ Atmospheric Heater	CO ₂ (5)	200,681.10	4	3, 4	4
		CH ₄ (5)	3.78			
		N ₂ O(5)	0.38			
		CO _{2e}	200,888.36			
SVPS5-1	VPS No. 5 No. ¾ Atmospheric Heater	CO ₂ (5)	200,681.10	4	3, 4	4
		CH ₄ (5)	3.78			
		N ₂ O(5)	0.38			
		CO _{2e}	200,888.36			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SVPS5-2	VPS No. 5, No. 1 Vacuum Heater	CO ₂ (5)	106,020.20	4	3, 4	4
		CH ₄ (5)	2.00			
		N ₂ O(5)	0.20			
		CO _{2e}	106,129.70			
SVPS5-2	VPS No.5, No. 2 Vacuum Heater	CO ₂ (5)	106,020.20	4	3, 4	4
		CH ₄ (5)	2.00			
		N ₂ O(5)	0.20			
		CO _{2e}	106,129.70			
SDCU2-1	Coker Heater No. 1	CO ₂ (5)	122,249.06	4	3, 4	4
		CH ₄ (5)	2.30			
		N ₂ O(5)	0.23			
		CO _{2e}	122,375.32			
SDCU2-2	Coker Heater No. 2	CO ₂ (5)	122,249.06	4	3, 4	4
		CH ₄ (5)	2.30			
		N ₂ O(5)	0.23			
		CO _{2e}	122,375.32			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SDCU2-3	Coker Heater No. 3	CO ₂ (5)	122,249.06	4	3, 4	4
		CH ₄ (5)	2.30			
		N ₂ O(5)	0.23			
		CO _{2e}	122,375.32			
SNHTU2-1	Naphtha Hydrotreater Charge Heater	CO ₂ (5)	93,038.14	4	3, 4	4
		CH ₄ (5)	1.75			
		N ₂ O(5)	0.18			
		CO _{2e}	93,134.23			
SNHTU2-2	Naphtha Hydrotreater Stripper Reboiler	CO ₂ (5)	83,842.51	4	3, 4	4
		CH ₄ (5)	1.58			
		N ₂ O(5)	0.16			
		CO _{2e}	83,929.10			
SNHTU2-3	Naphtha Hydrotreater Splitter Reboiler	CO ₂ (5)	132,525.25	4	3, 4	4
		CH ₄ (5)	2.50			
		N ₂ O(5)	0.25			
		CO _{2e}	132,662.12			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SRUGRP	SRU Incinerator Group	CO ₂ (5)	17,725.00	4	3, 4	4
		CH ₄ (5)	0.18			
		N ₂ O(5)	0.02			
		CO _{2e}	17,735.46			
CGN-GRP	Cogen Unit Group	CO ₂ (5)	44,063.00	4	3, 4	4
		CH ₄ (5)	0.83			
		N ₂ O(5)	0.08			
		CO _{2e}	44,108.00			
SVPS2-2	VPS No. 2, No.4 Atmospheric Heater	CO ₂ (5)	30,741.59	4	3, 4	4
		CH ₄ (5)	0.58			
		N ₂ O(5)	0.06			
		CO _{2e}	30,773.34			
SVPS2-1	VPS No. 2, 1 Atmospheric Heater	CO ₂ (5)	30,618.63	4	3, 4	4
		CH ₄ (5)	0.58			
		N ₂ O(5)	0.06			
		CO _{2e}	30,650.25			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SVPS2-1	VPS No. 2, 2 Atmospheric Heater	CO ₂ (5)	30,618.63	4	3, 4	4
		CH ₄ (5)	0.58			
		N ₂ O(5)	0.06			
		CO _{2e}	30,650.25			
SVPS2-1	VPS No. 2, 3 Atmospheric Heater	CO ₂ (5)	30,618.63	4	3, 4	4
		CH ₄ (5)	0.58			
		N ₂ O(5)	0.06			
		CO _{2e}	30,650.25			
SVPS2-1	VPS No. 2, No.1 Vacuum Heater	CO ₂ (5)	30,618.63	4	3, 4	4
		CH ₄ (5)	0.58			
		N ₂ O(5)	0.06			
		CO _{2e}	30,650.25			
SVPS2-1	VPS No. 2, No. 2 Vacuum Heater	CO ₂ (5)	30,618.63	4	3, 4	4
		CH ₄ (5)	0.58			
		N ₂ O(5)	0.06			
		CO _{2e}	30,650.25			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
FVPS2	VPS No. 2 Fugitive Emissions	CO ₂ (5)	0	4	3, 4	4
		CH ₄ (5)	0.49			
		N ₂ O(5)	0.00			
		CO _{2e}	12.20			
SARO1-13	A8 Rerun Heater	CO ₂ (5)	181,072.41	4	3, 4	4
		CH ₄ (5)	3.41			
		N ₂ O(5)	0.34			
		CO _{2e}	181,259.41			
SARO1-2A	Raffinate Column Heater A	CO ₂ (5)	361,196.92	4	3, 4	4
		CH ₄ (5)	6.81			
		N ₂ O(5)	0.68			
		CO _{2e}	361,569.96			
SARO1-2B	Raffinate Column Heater B	CO ₂ (5)	361,196.92	4	3, 4	4
		CH ₄ (5)	6.81			
		N ₂ O(5)	0.68			
		CO _{2e}	361,569.96			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SARO1-3	Isomar Charge Heater	CO ₂ (5)	112,926.88	4	3, 4	4
		CH ₄ (5)	2.13			
		N ₂ O(5)	0.21			
		CO _{2e}	113,043.50			
SARO1-4	Tatoray Charge Heater	CO ₂ (5)	60,101.28	4	3, 4	4
		CH ₄ (5)	1.13			
		N ₂ O(5)	0.11			
		CO _{2e}	60,163.35			
AROGEN	Emergency Generator	CO ₂ (5)	217.06	4	3, 4	4
		CH ₄ (5)	0.01			
		N ₂ O(5)	0.002			
		CO _{2e}	217.81			
AROFL	MSS Flare	CO ₂ (5)	23,761.30	4	3, 4	4
		CH ₄ (5)	167.63			
		N ₂ O(5)	0.01			
		CO _{2e}	27,955.84			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
PXRLTO	Railcar Loading Thermal Oxidizer	CO ₂ (5)	554.74	4	3, 4	4
		CH ₄ (5)	0.01			
		N ₂ O(5)	0.002			
		CO _{2e}	555.64			
SHTU6-3	CFH Prefractionation Heater	CO ₂ (5)	40,989.79	4	3, 4	4
		CH ₄ (5)	0.77			
		N ₂ O(5)	0.08			
		CO _{2e}	41,032.12			
SHTU2-1	HTU No. 2 Charge Heater	CO ₂ (5)	27,667.43	4	3, 4	4
		CH ₄ (5)	0.52			
		N ₂ O(5)	0.05			
		CO _{2e}	27,696.01			
SHTU2-2	HTU No. 2 Reboiler	CO ₂ (5)	21,519.11	4	3, 4	4
		CH ₄ (5)	0.41			
		N ₂ O(5)	0.04			
		CO _{2e}	21,541.34			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SHTU3-1	HTU No. 3 Charge Heater	CO ₂ (5)	30,792.83	4	3, 4	4
		CH ₄ (5)	0.58			
		N ₂ O(5)	0.06			
		CO _{2e}	30,824.63			
SHTU3-2	HTU No. 3 Reboiler	CO ₂ (5)	28,231.03	4	3, 4	4
		CH ₄ (5)	0.53			
		N ₂ O(5)	0.05			
		CO _{2e}	28,260.19			
SHTU3-3	HTU No. 3 Hydrogen Heater	CO ₂ (5)	10,247.20	4	3, 4	4
		CH ₄ (5)	0.19			
		N ₂ O(5)	0.02			
		CO _{2e}	10,257.78			
SHTU4-1	CHGE Heater 1	CO ₂ (5)	10,708.32	4	3, 4	4
		CH ₄ (5)	0.20			
		N ₂ O(5)	0.02			
		CO _{2e}	10,719.38			

Major NSR Summary Table

Permit Numbers: GHGPSDTX121M1 and GHGPSDTX156				Issuance Date: September 19, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
SHTU4-2	CHGE Heater 2	CO ₂ (5)	10,708.32	4	3, 4	4
		CH ₄ (5)	0.20			
		N ₂ O(5)	0.02			
		CO _{2e}	10,719.38			
SHTU5	HTU5 Heater	CO ₂ (5)	30,818.45	4	3, 4	4
		CH ₄ (5)	0.58			
		N ₂ O(5)	0.06			
		CO _{2e}	30,850.27			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (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)
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Major NSR Summary Table

Permit Numbers: 56287 and PSDTX1404					Issuance Date: February 25, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (4)	TPY (5)	Spec. Cond.	Spec. Cond.	Spec. Cond.
GT 34	Gas Turbine No. 34 15 MW Bypass Mode	NOx	31.77	-	11, 12, 13, 14, 15	16, 17, 18	11, 15, 16, 17
		NOx (MSS)	74.50	-			
		CO	8.49	-			
		CO (MSS)	375.28	-			
		VOC	0.59	-			
		VOC (MSS)	6.25	-			
		SO2	7.29	-			
		PM	1.87	-			
		PM10	1.87	-			
		PM2.5	1.87	-			

Major NSR Summary Table

Permit Numbers: 56287 and PSDTX1404					Issuance Date: February 25, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (4)	TPY (5)	Spec. Cond.	Spec. Cond.	Spec. Cond.
SPS3-7	Waste Heater Boiler No. 36 100 MMBtu/hr Gas Turbine No. 34 is not operating	NOx	11.00	-	11, 12, 13, 14, 15	16, 17, 18	11, 15, 16, 17
		CO	5.00	-			
		CO (MSS)	10.00	-			
		VOC	0.53	-			
		SO2	2.61	-			
		PM	0.74	-			
		PM10	0.74	-			
		PM2.5	0.74	-			

Major NSR Summary Table

Permit Numbers: 56287 and PSDTX1404					Issuance Date: February 25, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (4)	TPY (5)	Spec. Cond.	Spec. Cond.	Spec. Cond.
SPS3-7	Gas Turbine No. 34 and Waste Heater Boiler No. 36	NOx	42.77	187.32	11, 12, 13, 14, 15	16, 17, 18	11, 15, 16, 17
		NOx (MSS)	74.50	-			
		CO	13.49	59.59			
		CO (MSS)	385.28	-			
		VOC	1.12	4.93			
		VOC (MSS)	6.25	-			
		SO2	9.90	1.09			
		PM	2.61	11.40			
		PM10	2.61	11.40			
		PM2.5	2.61	11.40			

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. 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

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

CO - carbon monoxide

MSS - maintenance, startup, and shutdown

(4) Planned MSS lbs/hour emissions for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS, that pollutant's maximum hourly emission rate shall apply during that clock hour.

(5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period and includes planned MSS.



Texas Commission on Environmental Quality Air Quality Permit

A Permit Is Hereby Issued To
Motiva Enterprises LLC
Authorizing the Construction and Operation of
Port Arthur Refinery
Located at Port Arthur, Jefferson County, Texas
Latitude 29.883333 Longitude -93.958333

Permits: 6056, GHGPSDTX156, PSDTX1062M4,
PSDTX1534M1, and GHGPSDTX121M1

Revision Date: July 17, 2025

Expiration Date: June 18, 2029

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

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Emission Caps and Individual Emission Limitations

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources – Maximum Allowable Emission Rates" and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating requirements specified in the special conditions. **(12/10)**

Storage of Volatile Organic Compounds (VOC)

2. The following requirements apply specifically to Tank 1937 (EPN TK1937) and Tank 208TK38629 (EPN 208TK38629). **(08/18)**
 - A. Storage tank service shall be limited to uncut residual oils.
 - B. 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 or unpainted aluminum. Storage tanks must be equipped with permanent submerged fill pipes.
 - C. To show compliance with Special Condition No. 3.H emissions from the tanks shall be calculated using the methods that were used to determine the MAERT limits in the amendment application dated January 29, 2018.
 - D. The holder of this permit shall maintain the temperature of the liquid in Tank 1937 at 400°F or below to maintain a vapor pressure of less than or equal to 0.017 psia at actual storage conditions. The holder of this permit shall maintain the temperature of the liquid in Tank 208TK38629 at 450°F or below to maintain a vapor pressure of less than or equal to 0.081 psia at actual storage conditions. The tank temperatures shall be continuously monitored and the temperatures shall be recorded daily and during tank filling.

The monitors shall be calibrated or have a calibration check performed on an annual basis to meet an accuracy specification of ± 0.75 percent of the temperature being measured expressed in degrees Celsius or $\pm 2.5^{\circ}\text{C}$. Calibration check means, at a minimum, using a second device or method to verify that the monitor is accurate as specified in the permit.
3. Storage tanks, other than those identified in Special Condition No. 2, are subject to the following requirements. The control requirements specified in Paragraphs A-E of this condition shall not apply (1) where the VOC has an aggregate partial pressure of less than 0.50 pounds per square inch, absolute (psia) at either the maximum expected operating temperature or at 95°F, whichever temperature is greater, or (2) to storage tanks smaller than 25,000 gallons. **(02/25)**
 - 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.
 - 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-

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tight. Routing of tank emissions to the existing vapor recovery system is an approved alternative control.

- C. For any tank equipped with a floating roof, the permit holder shall perform the visual inspections and seal gap measurements as specified in Title 40 Code of Federal Regulations § 60.113b (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 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 logos, slogans, and similar displays (not to exceed 15 percent of the vertical tank shell area), uninsulated tank exterior surfaces exposed to the sun shall be white or aluminum. Storage tanks must be equipped with permanent submerged fill pipes.
- F. All vents/emissions from the following storage tanks shall be routed to a vapor recovery system: TK1748, TK1938, TK1939, TK2113, TK2115, TK2120, TK2121, TK2075, TK2076, TK2077, TK2078, and TK2148. **(2/17)**
- G. Reserved **(7/25)**
- H. Storage tank 1908 shall be equipped with a pressure release valve and have no working or standing emission. **(7/16)**
- I. 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 previous rolling 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 rolling 12-month period. 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.

Except as noted in Special Condition No. 2.C, emissions for tanks shall be calculated using the TCEQ publication dated February 2001, titled "Technical Guidance Package for Chemical Sources - Storage Tanks," and AP-42 "Compilation of Air Pollutant Emission Factors," Section 7.1. **(08/18)**

Operating Parameters and Conditions

- 4. Non-fugitive emissions from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration of greater than one weight percent are not authorized by this permit unless listed with associated individual emission limitations in the table entitled "Emission Sources - Maximum Allowable Emission Rates." Any releases directly to atmosphere from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration of greater than 1 weight percent are not consistent with good practice for minimizing emissions. **(12/10)**
- 5. This permit authorizes flaring of waste gases from the maintenance, startup, and shutdown (MSS) activities which are authorized by this permit in the MSS section of these conditions. Flares shall be designed and operated in accordance with the following requirements: **(02/20)**

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- A. The flare systems shall be designed such that the combined assist natural gas and waste stream to each flare meets the heating value and velocity requirements of 40 CFR §63.670 and §63.671.
 - B. The flare shall be operated with a flame present at all times when and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple, an infrared monitor, or an equivalent device. 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.
 - C. Ambient air provided to steam assisted flares by a steam induction ring is exempt from the perimeter assist monitoring requirements.
 - D. The volumetric flow of assist air provided to steam assisted flares through steam induction tubes shall be determined as specified by the vendor.
 - E. Monitors shall meet the requirements in Table 13 of the appendix to 40 CFR 63, Part CC. The permit holder shall operate the continuous parameter monitoring system (CPMS) per the requirements of 40 CFR §63.671(a). The permit holder shall develop a CPMS Monitoring Plan per 40 CFR § 63.671(b).

Quality assured (or valid) data must be generated during periods that flare is operating per the CPMS Plan. The measurements missed shall be estimated using engineering judgement and the methods used recorded.
 - F. The 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 the flare.
 - G. Hourly mass emission rate of NO_x and CO shall be determined and recorded using the net heating value of the gas combusted in the flare calculated per Special Conditions 94.D.
6. Except as provided elsewhere in the special conditions of this permit, all combustion sources covered under this permit shall be fired with either sweet natural gas as defined in Title 30 Texas Administrative Code Chapter 101 (30 TAC Chapter 101) or with refinery fuel gas. Fuel shall be limited to either one of the following: **(7/25)**
- A. Refinery fuel gas - Containing no more than 0.10 grain total sulfur expressed as hydrogen sulfide (H₂S) per dry standard cubic feet (dscf) (equivalent to 160 ppmv) on a rolling three-hour basis and no more than 120 ppmv on a rolling 24-hour basis.
7. Fuel for Boilers 34 and 35 shall be either refinery fuel gas or fuel oil. Fuel oil shall contain less than 0.05 percent by weight sulfur. All liquid fuels must be first-run refinery grade and shall not consist of a blend containing waste oils or solvents. Use of any other fuel will require prior approval by the TCEQ Beaumont Regional Director. **(08/18)**
8. Fuel oil firing shall be limited to 720 hours per year, per boiler. **(08/18)**
9. During normal operations Boiler 34 (Emission Point No.[EPN] SPS3-4) and Boiler 35 (EPN SPS3-5) are each limited to a firing rate of 587 Million British thermal units/hour (MMBtu/hr) (based upon the fuel lower heating value) and the following emission limit: **(08/18)**

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Pollutant	lb/MMBtu
Nitrogen Oxide (NO _x)	0.20 on a one hour average

10. There shall be no visible emissions from the following facilities except for those periods described in 30 TAC § 111.111(a):

- (1) Heaters; or
- (2) Sulfur recovery unit (SRU) Incinerators **(10/13)**

11. Except during the MSS activities authorized by this permit, the CO and NO_x emissions from boilers, reboilers and heaters shall meet the performance standards specified in this condition. **(4/15)**

- A. Unless allowed by part B of this condition, the CO concentration in the exhaust from the fired units listed in the table below by Emission Point No. (EPN) and Facility Identification No. (FIN) shall not exceed 50 ppmv, and NO_x emissions in lb/MMBtu shall not exceed that specified in the table. **(7/25)**

EPN	FIN	Name/Description	(1)	(2)	(3)	(4)
SCRU5-1	CRU5PLATHT	#5 CRU Platformer Heater	348.4	398.0	0.035 Each	0.025 Avg. for All (5)
SCRU5-1	CRU5INTHT1	#5 CRU Platformer No. 1 Intermed. HTR	389.6	495.0		
SCRU5-2	CRU5INTHT2	#5 CRU Platformer No. 2 Intermed. HTR	251.3	354.0		
SCRU5-2	CRU5INTHT3	#5 CRU Platformer No. 3 Intermed. HTR	192.1	220.0		
SNHTU2-1	NHTU2CHT	Naphtha Hydrotreater Charge HTR	181.6	207.0		
SNHTU2-2	NHTU2STRP	Naphtha Hydrotreater Stripper Reboiler	163.6	186.0		
SNHTU2-3	NHTU2SPLT	Hydrotreater Splitter Reboiler	258.7	297.0		
SHCU2-1	HCU2H1A	HCU No. 2 1st Stage Charge A HTR	60.9	66.3		
SHCU2-2	HCU2H1B	HCU No. 2 1st Stage Charge B HTR	60.9	66.3		
SHCU2-3	HCU2H2	HCU No. 2 2nd Charge Heater	77.2	84.1		
SHCU2-6	HCU2DH1H1	HCU No. 2 DHT Charge Heater	82.2	89.6		
SHTU6-1	HTU6CHGH1	HTU No. 6 Charge Heater 1	86.4	94.1		
SHTU6-2	HTU6CHGH2	HTU No. 6 Fractionator Reboiler	65.9	71.8		

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EPN	FIN	Name/Description	(1)	(2)	(3)	(4)
SHCU2-5	SCHCU2-5	HCU No. 2 Fractionator Heater	408.9	445.5		0.035 Each
SDCU2-1	SDCU2-1	Coker Heater No. 1	238.6	269.0		
SDCU2-2	SDCU2-2	Coker Heater No. 2	238.6	269.0		
SDCU2-3	SDCU2-3	Coker Heater No. 3	238.6	269.0		0.006 Each (6)
SVPS5-1	VPS5H1/2	VPS No. 5, No. ½ Atmospheric Heater	391.7	409.0		
SVPS5-1	VPS5H3/4	VPS No. 5, No. ¾ Atmospheric Heater	391.7	409.0		
SVPS5-2	VPS5VAC1HT	VPS No. 5, No. 1 Vacuum Heater	206.9	216.0		
SVPS5-2	VPS5VAC2HT	VPS No. 5, No. 2 Vacuum Heater	206.9	216.0		
SPS4-6	BOILER 46	Power Boiler 46	596.0	685.4		0.015

- (1) Maximum annual average firing rate, MMBtu/hr
- (2) Maximum firing rate, MMBtu/hr
- (3) NO_x emissions, lb/MMBtu - hourly
- (4) NO_x emissions, lb/MMBtu - annual
- (5) Weighted average based on firing rate
- (6) Equipped with Selective Catalytic Reduction (SCR) - based upon 5 ppmvd NO_x (annual average)

Compliance with these limits shall be determined by stack testing or CEMS.

- B. Turndown operation of a boiler, reboiler, or heater consists of operating the combustion unit at or below the firing rate listed in the table below. The CO concentration in the exhaust shall not exceed 250 ppmvd, corrected to 3 percent oxygen, and the NO_x emissions shall not exceed 0.12 lb/MMBtu on an hourly average during turndown operation. These operating periods must be included when demonstrating compliance with the annual limits specified in part A of this condition. **(7/25)**

EPN	FIN	Name/Description	MMBtu/hr
SCRU5-1	CRU5PLATHT	#5 CRU Platformer Heater	189.4
SCRU5-1	CRU5INTHT1	#5 CRU Platformer No. 1 Intermed. HTR	317.3
SCRU5-2	CRU5INTHT2	#5 CRU Platformer No. 2 Intermed. HTR	317.3
SCRU5-2	CRU5INTHT3	#5 CRU Platformer No. 3 Intermed. HTR	189.4
SNHTU2-1	NHTU2CHT	Naphtha Hydrotreater Charge Htr	77.5

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EPN	FIN	Name/Description	MMBtu/hr
SNHTU2-2	NHTU2STRP	Naphtha Hydrotreater Stripper Reboiler	70
SNHTU2-3	NHTU2SPLT	Hydrotreater Splitter Reboiler	111
SHCU2-1	HCU2H1A	HCU No. 2 1st Stage Charge A HTR	26.4
SHCU2-2	HCU2H1B	HCU No. 2 1st Stage Charge B HTR	26.4
SHCU2-3	HCU2H2	HCU No. 2 2nd Charge Heater	33.1
SHCU2-6	HCU2DHTH1	HCU No. 2 DHT Charge Heater	35.2
SHTU6-1	HTU6CHGH1	HTU No. 6 Charge Heater 1	20.2
SHTU6-2	HTU6CHGH2	HTU No. 6 Fractionator Reboiler	21.9
SHCU2-5	SCHCU2-5	HCU No. 2 Fractionator Heater	140.1
SDCU2-1	SDCU2-1	Coker Heater No. 1	101
SDCU2-2	SDCU2-2	Coker Heater No. 2	101
SDCU2-3	SDCU2-3	Coker Heater No. 3	101
SVPS5-1	VPS5H1/2	VPS No. 5, No. ½ Atmospheric Heater	158.4
SVPS5-1	VPS5H3/4	VPS No. 5, No. ¾ Atmospheric Heater	158.4
SVPS5-2	VPS5VAC1HT	VPS No. 5, No. 1 Vacuum Heater	85.6
SVPS5-2	VPS5VAC2HT	VPS No. 5, No. 2 Vacuum Heater	85.6
SPS4-6	BOILER 46	Power Boiler 46	298

12. The following shall apply for units equipped with SCR:

- A. Except during the MSS activities authorized by this permit, the concentration of contaminants in the stack gases from Cogeneration Power Plant Units (EPNs SPS4-1, SPS4-2, SPS4-3, and SPS4-4) shall not exceed the following concentrations, measured by volume on a dry basis (ppmvd) when corrected to 15 percent oxygen (O₂):
 - NO_x 5.0 ppmvd (annual basis)
 - CO 15.0 ppmvd (annual basis)
 - Ammonia 7.0 ppmvd (hourly basis), 6.0 ppmvd (annual basis) **(12/09)**
- B. The concentration of NH₃ in the stack gases shall not exceed 9 ppmvd, on an hourly basis, corrected to 3 percent O₂ from the following units: **(7/25)**
 - (2) VPS5 Atmospheric Tower Heaters (EPN SVPS5-1/VPS5 Vacuum Tower Heaters (EPN SVPS5-2), and

(3) Power Boiler 46 (EPN SPS4-6)

13. Process wastewater drains shall be equipped with water seals or equivalent; lift stations, manholes, junction boxes, and all other wastewater collection system components upstream of the API separator shall be equipped with either closed vent systems that route all organic vapor to control devices, or controls to prevent emission of the organic vapors to the atmosphere.

Water seals shall be checked by visual or physical inspection monthly 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. Records of these inspections and any corrective actions taken shall be maintained for a period of five years and made available to representatives of the Texas Commission on Environmental Quality upon request.

14. **Piping, Valves, Connectors, Pumps, Agitators and Compressors, in contact with VOC - Intensive Directed Maintenance - 28MID:** Except as may be provided for in the special conditions of this permit, the following requirements apply to the above-referenced equipment:

- A. The requirements of paragraphs F and G shall not apply (1) where the volatile organic compounds (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 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, agitators, 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 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.
- 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 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. 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 detection instrument shall meet the performance criteria of Method 21 of 40 CFR Part 60, Appendix A, except the instrument response factor criteria in section 8.1.1 of Method 21 shall be for the representative composition of the process fluid, not each individual VOC in the stream. If a response factor less than 10 cannot be achieved using methane, then the instrument may be calibrated with any other VOC so long as the instrument has a response factor of less than 10 for the VOC mixture 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. A first attempt to repair the leak must be made within 5 days. Records of the first attempt to repair shall be 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 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. 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.

- J. The percent of valves leaking used in paragraph I shall be determined using the following formula:

$$(V_I + V_s) \times 100/V_t = V_p$$

Where:

V_I = the number of valves found leaking by the end of the monitoring period, either by Method 21 or sight, sound, and smell.

V_s = the number of valves for which repair has been delayed and are listed on the facility shutdown log.

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- VI = the number of valves found leaking by the end of the monitoring period, either by Method 21 or sight, sound, and smell.
- 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.
- K. 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.
- 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, or an applicable National Emission Standard for Hazardous Air Pollutants and does not constitute approval of alternative standards for these regulations. **(10/13)**
15. The following enhancements to the 28MID program specified in Special Condition No. 14 shall be implemented. The enhancements were specified in order for the permit holder to be allowed to calculate fugitive emissions using the EPA Petroleum Industry Screening Value/Leak Rate Correlation Equations as specified in Special Condition No. 67.C.
- A. The EPA Method 21 monitoring shall be conducted with data loggers capable of assigning time stamps to individual monitoring events.
- B. 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 Special Condition No. 14.
- C. The holder of this permit shall make a "first attempt" at repair on any valve that has a reading greater than 100 ppm of VOC, excluding control valves, pumps, and components that LDAR personnel are not authorized to repair. As part of the "first attempt at repair program," the holder of this permit shall record, track and re-monitor leaks above the leak definitions in Special Condition No. 14. However, the holder of this permit shall immediately re-monitor all valves that personnel attempted to repair to ensure that the leaks have not been made worse. If the holder of this permit can demonstrate with sufficient monitoring data that "first attempt" repair at 100 ppm worsen leaks, after 2 years the holder of this permit may request that the Executive Director reconsider or amend this requirement.
- D. The holder of this permit will conduct annual training of all LDAR technicians in the application of Method 21 consistent with the requirements of this permit. Documentation of this training and the technicians trained shall be recorded.
- E. The holder of this permit shall obtain a third party audit by no later than December 31, 2015 and then at least once every two years thereafter to verify whether EPA Method 21 is being properly applied such that the resulting screening values are reliable when used to calculate emissions as required by Special Condition No. 67.C. The audit shall, at a minimum, focus on comparative monitoring, records review, tagging, data management, and observation of

the LDAR technicians' calibration and monitoring techniques. During the audits, leak rates shall be calculated for each process unit where comparative monitoring was performed. The audit-calculated leak rates shall be compared to the permit-authorized emission rates including any subsequent Permits by Rule. A detailed audit protocol shall be submitted to the TCEQ for approval at least 6 months prior to the first scheduled audit. Copies of the report detailing the results of the audit shall be sent to the TCEQ Air Permits Division and Regional Office.

- F. Beginning no later than October 1, 2014, the holder of this permit will apply the following optical gas imaging (OGI) enhanced monitoring program for equipment leaks at those process units subject to EPA Method 21 monitoring pursuant to the special conditions of this permit. The Executive Director may extend the date for initiation of this OGI monitoring program provided the holder of this permit provides documentation demonstrating that the monitoring equipment was not available for purchase in the time frame needed to initiate the program by that date. The monitoring will be conducted using an optical gas imaging instrument as defined in 40 CFR 60.18(g)(4). OGI surveys will occur every two months at each applicable process unit at pre-established viewing stations. The number and location of the viewing stations will be designed to ensure that two thirds of the fugitive equipment components in each process unit can be viewed. Each viewing station will have a unique identification number. Any OGI leaks observed will be tagged as close as possible to the leaking component. OGI leaks will be managed in accordance with the requirements in Special Condition No. 14.H of this permit. Leak repairs for equipment in gas/vapor and light liquid service will be re-monitored in accordance with Method 21. Leak repairs for equipment in heavy liquid service will be re-monitored with the OGI monitoring instrument. Each OGI survey will be manually documented and saved electronically. Documentation will include the OGI technician's name, process unit name, date, time, viewing station identification number and results (leaks, no leaks). Electronic records will also be maintained of individual leaks found, repairs, and re-monitor results. **(11/14)**

After the OGI monitoring program has been implemented for a period of at least four years, the holder of this permit may evaluate the effectiveness of the program in identifying and repairing leaks. If undertaken, this evaluation will be based on the costs of conducting the OGI monitoring program and on emission rates before and after repairs of leaks detected by the program. Emission rates will be determined as specified in Special Condition No. 67.C. Based on the results of that evaluation, the holder of the permit may make a request to the Executive Director that the OGI monitoring program be modified or eliminated based on a demonstration that the program as originally implemented is not economically reasonable in reducing or eliminating VOC emissions. **(10/13)**

16. In addition to the weekly physical inspection required by Item E of Special Condition No. 14, 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 No. 14. **(28CNTQ)**

- 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.

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- B. The percent of connectors leaking used in paragraph A shall be determined using the following formula:

$$(Cl + Cs) \times 100 / Ct = Cp$$

Where:

Cl = 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. **(10/13)**

17. Process drains shall be monitored quarterly at a leak definition of 500 ppmv and replaced or repaired in accordance with Items F and H of Special Condition No. 14. Process drains shall be designed such that repairs to leaking drains can be performed. **(10/13)**
18. Valves in heavy liquid service shall be monitored quarterly at a leak definition of 500 ppmv and replaced or repaired in accordance with Items F and H of Special Condition No. 14. **(10/13)**
19. Reserved **(02/25)**

Sulfur Recovery Units (SRUs)

20. During normal operations and planned maintenance, tail gas from the SRUs must be routed to a tail gas treating unit (TGTU). Under no circumstances shall SRU tail gas be flared or released to the atmosphere during normal operations and planned maintenance.
21. All acid gas or other waste gases from facilities associated with the SRUs must be burned in the incinerator and/or flare (emergency use). It is not permissible under any conditions to vent waste gases directly to the atmosphere.
22. The SRU Incinerator Vents (EPNs STGTU1-1, STGTU2-1, STGTU5-1, STGTU6-1, and STGTU7-1) shall be operated with not less than 1 percent oxygen (O₂) in the incinerator stack and not less than 1100°F incinerator firebox temperature on an hourly average. The incinerator firebox exit temperature and incinerator stack O₂ level shall be continuously monitored and recorded. This condition does not apply during stack testing on the incinerators in accordance with the Initial and Periodic Determination of Compliance sections of these conditions in order to determine incinerator performance at alternative operating conditions. **(2/17)**
23. The minimum sulfur recovery efficiency for the SRUs shall be 99.8 percent. The sulfur recovery efficiency shall be determined by calculation as follows:

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

Where:

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Efficiency	=	sulfur recovery efficiency, percent
S recovered	=	S produced, Long tons per day (LTPD)
S acid gas	=	(S recovered plus S stack), LTPD
S stack	=	sulfur in the incinerator stack, LTPD

The average sulfur emission reduction efficiency (sulfur recovery efficiency) shall be demonstrated for each calendar day by a mass balance calculation using data obtained from the incinerator stack SO₂ monitor, sulfur production records, and other process data. Sulfur recovery efficiency shall be calculated for each day (not a monthly average), but the calculations may be performed monthly. Records of the sulfur recovery efficiency compliance calculations shall be maintained at the plant site for a period of five years and made available to representatives of the TCEQ upon request.

24. The SO₂ concentration in SRU incinerator vents (EPNs STGTU1-1, STGTU2-1, STGTU5-1, STGTU6-1, and STGTU7-1) shall not exceed 250 ppmv averaged over a 12-hour period. Records of the SO₂ in the incinerators' exhaust gas shall be maintained for five years and made available to representatives of the TCEQ upon request. **(5/12)**
25. Sour gas emissions from the sulfur pits, and sulfur loading operations shall be collected by a vapor collection system and routed back to a SRU thermal reactor, to a TGTU, to a tail gas incinerator (TGI), or to a scrubber. During shutdown of the control device for maintenance, any emissions from the sulfur pits, and sulfur truck-loading operations will be routed either to a redundant like control device or to an absorption media. Records of SRU downtime shall be maintained for a period of five years and made available to representatives of the TCEQ upon request. **(2/17)**
26. Each Amine Recovery Unit (ARU) shall use monoethanol amine, methyl diethanol amine, or diglycol amine. Changing to another H₂S contact solvent for normal operation will require a permit amendment and approval from the Executive Director of the TCEQ.
27. The SBU1 Rich Amine Charge Tanks shall be checked for hydrocarbons once per day from connections at the 15-foot and 10-foot levels and shall be hand gauged once per week. At least 13 feet of amine shall be held in the charge tanks at any given time.

If hydrocarbons are discovered at or above the 15-foot level, steps shall be taken to ensure that the amine level remains at least at the minimum 13-foot level. Hydrocarbon checks from connections at the 15-foot and 10-foot levels shall be conducted once per shift, and hand gauging shall be conducted on a daily basis until the amine level is restored to at least 13 feet. After the amine being held in the tank has returned to at least 13 feet, hydrocarbon checking/hand gauging can return to the daily/weekly basis. Records of all hydrocarbon checks and hand gauges shall be maintained on-site for a period of five years and made available to representatives of the TCEQ upon request.

The SBU2 rich amine separators shall be equipped with a level detection device. This detector shall alarm immediately should the amine/hydrocarbon level go below the minimum set point on the level controller. In addition, the rich separators shall be manually checked for hydrocarbons at least once per day using sight glasses. Records of all alarms and manual level checks shall be maintained.

All sight glasses shall be maintained and kept in operating condition according to manufacturer specifications. **(5/12)**

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28. The SBU1 rich amine surge system shall have a minimum retention time of 30 minutes based on a minimum of 50 percent capacity of the tanks and the maximum rich amine flow to the tanks. The SBU2 rich amine surge system shall have a minimum retention time of 30 minutes. Records of rich amine surge system retention time shall be maintained at the plant site for a period of five years and made available to representatives of the TCEQ upon request. **(5/12)**
29. SBU1 and SBU2 Sour Water Stripper (SWS) Charge Tank levels and checks for hydrocarbons shall be as follows: **(08/18)**
- A. During periods other than those described in paragraph B below, the following shall apply:
- (1) Sour water feed tanks shall be equipped with an interface level detection device which will provide sour water/hydrocarbon interface level detection. This detector shall alarm immediately should the sour water/hydrocarbon interface go below 13 feet.
 - (2) Sour water feed tanks shall be manually checked for hydrocarbons at least once per week to verify accuracy of the online interface level detection. At least 13 feet of sour water shall be held in the charge tanks at any given time. If hydrocarbons are discovered below the 15-foot level, steps shall be taken to ensure that the sour water level remains at least at the minimum 13-foot level and the tank shall be manually checked for hydrocarbons daily. After the sour water being held in the tank has returned to at least 15 feet, manual checks for hydrocarbons to verify accuracy of the online interface level detection can return to the weekly basis.
- B. In order to increase the SBU1 sour water storage capacity preceding a planned shutdown of the SWS, for a period not to exceed 20 days the following modifications to the requirements of paragraph A above shall apply.
- (1) At least 12 feet of sour water shall be held in the sour water charge tanks at any given time. The interface detector shall alarm immediately should the sour water / hydrocarbon interface go below 12 feet.
 - (2) Sour water feed tanks shall be manually checked for hydrocarbons at least once per week to verify accuracy of the online interface level detection. At least 12 feet of sour water shall be held in the charge tanks at any given time. If hydrocarbons are discovered below the 12-foot level, steps shall be taken to ensure that the sour water level remains above the 10-foot level and the tank shall be manually checked for hydrocarbons daily. After the sour water being held in the tank has returned to at least 12 feet, manual checks for hydrocarbons to verify accuracy of the online interface level detection can return to the weekly basis.
 - (3) If any hydrocarbon is detected at the 10 foot level, charge to the SWS from that tank shall immediately be stopped until steps are taken to ensure that the sour water level remains at least at the minimum 12-foot level.
- Records of all hydrocarbon checks, hand gauges, beginning and ending dates of drawdown periods, and beginning dates of planned SWS shutdowns shall be maintained on-site for a period of five years and made available to representatives of the TCEQ upon request.
30. Except during periods described in Special Condition No. 29.B, the SBU1 sour water stripper surge system shall have a minimum retention time of three days based on a minimum of 50 percent capacity of the tanks and the maximum sour water flow to the tanks.

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The SBU2 sour water stripper surge system shall have a minimum retention time of three days based on the actual sour water charge flow from the tank to the sour water stripper. Records of SBU1 and SBU2 sour water stripper surge system retention time shall be maintained at the plant site for a period of five years and made available to representatives of the TCEQ upon request. There shall be at least 3 days of holdup (excess) capacity maintained for sour water storage. This capacity shall only be used for sour water storage when necessary to avoid flaring of acid gases due to reduced SRU complex capacity. It shall be restored within one week of the return of the sulfur recovery complex to normal operations. **(5/12)**

31. The vapors from the sour water charge tanks (surge tanks) and flash tanks shall be vented to the plant vapor recovery system.
32. There shall be a minimum of 12 H₂S monitors placed throughout the SRU2, SRU3, ARU1, ARU2, and SWS1 areas. There shall be a minimum of 8 H₂S monitors placed throughout the SRU4, ARU4, and TGTU2 areas. An appropriate number of H₂S monitors shall be placed throughout the SRU5, SRU6, SRU7, ARU5, ARU6, TGTU5, TGTU6, TGTU7, and SWS2 areas. These monitors shall be arranged in such a way that provides coverage for wind directions varying through 360 degrees. The monitors shall be set to alarm at a concentration of 10 ppm and shall alarm in the control room and in the local plant area. A diagram of the operating units and the location of the monitors shall be provided at the plant site and made available to representatives upon request. Records of alarms shall be maintained for a period of five years and made available to representatives of the TCEQ upon request. **(5/12)**
33. The total sulfur recovered from all Sulfur Recovery Units (SRUs) shall not exceed 2478 long tons per day (LTPD). Each SRU2 and SRU3 sulfur recovery unit shall not exceed a sulfur recovery rate of 192 LTPD when oxygen enrichment is used or a rate of 151.5 LTPD when no oxygen enrichment is used. SRU4 shall not exceed a sulfur recovery rate of 384 LTPD when oxygen enrichment is used or a rate of 303 LTPD when no oxygen enrichment is used. Each sulfur recovery unit SRU5, SRU6, and SRU7 shall not exceed a sulfur recovery rate of 570 LTPD. **(02/20)**
34. This condition applies to the following cooling towers: **(7/25)**

FIN	EPN	Location
VPS5 FE	FKVPS 5 FE	Vacuum Pipe Still 5
DCU2 FE	FKDCU2 FE	Delayed Coking Unit 2
CRU5 FE	FKCRU5 FE	Catalytic Reforming Unit 5
ARU3 FE	FKARU3	Amine Recovery Unit 3
PS 4 FE	FKPS 4 FE	Power Station No. 4 Cooling Tower (PM, PM ₁₀ , PM _{2.5} only)
SRU 4 FE	FKARU4	ARU No. 4 Cooling Tower

- A. The following requirements apply to the Amine Recovery Unit cooling tower (EPN FKARU3).
 - (1) 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 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 two VOC monitored results. If the rolling 12-month VOC emissions from any one cooling tower exceed its individual annual emission limit, a report shall be submitted to the appropriate TCEQ Regional Office within 30 days containing details as to the reasons for the exceedance.

- (2) The heat exchange and cooling tower systems shall be maintained so as to minimize VOC emissions into the cooling waters. Faulty equipment shall be repaired at the earliest opportunity; however, leaking equipment shall be repaired no later than the next planned shutdown after a VOC concentration of 0.08 parts per million by weight (ppmw) is discovered. **(10/19)**
 - (3) 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. All records shall be maintained at the plant site for a period of five years and made available to representatives of the TCEQ upon request.
- B. The following requirements apply to these cooling towers: EPNs FKCRU5 FE, FKDCU2 FE, FKVPS 5 FE, and FKARU4. **(7/25)**
- (1) VOC associated with the 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 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.
 - (2) The heat exchange and cooling tower systems shall be maintained so as to minimize VOC emissions into the cooling waters. Faulty equipment shall be repaired at the earliest opportunity; however, leaking equipment shall be repaired no later than the next planned shutdown after a VOC concentration of 0.04 ppmw is discovered during the monthly monitoring.
 - (3) 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. All records shall be maintained at the plant site for a period of five years and made available to representatives of the TCEQ upon request.

- C. The cooling towers (EPNs FKARU3, FKARU4, FKCRU5 FE, FKDCU2 FE, FKPS 4 FE, and FKVPS 5 FE) shall be operated and monitored in accordance with the following (regarding particulate emissions): **(7/25)**
- (1) Each shall be equipped with drift eliminators having manufacturer's design assurance of 0.001% drift or less. Drift eliminators shall be maintained and inspected at least annually. Drift eliminators shall be maintained and inspected at least annually. The permit holder shall maintain records of all inspections and repairs.
 - (2) dissolved solids (TDS) shall not exceed 1200 ppmw and 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. **(7/25)**
 - (3) Cooling towers shall be analyzed for particulate emissions using one of the following methods:
 - (a) Cooling water shall be sampled at least once per day for total dissolved solids (TDS); or
 - (b) TDS monitoring may be reduced to weekly if conductivity is monitored daily and TDS is calculated using a ratio of TDS-to-conductivity (in ppmw per $\mu\text{mho}/\text{cm}$ or ppmw/siemens). The ratio of TDS-to-conductivity shall be determined by concurrently monitoring TDS and conductivity on a weekly basis. The permit holder may use the average of two consecutive TDS-to-conductivity ratios to calculate daily TDS; or
 - (c) TDS monitoring may be reduced to quarterly if conductivity is monitored daily and TDS is calculated using a correlation factor established for each cooling tower. The correlation factor shall be the average of nine consecutive weekly TDS-to-conductivity ratios determined using 34.C(3)(b) above provided the highest ratio is not more than 10% larger than the smallest ratio.
 - (d) The permit holder shall validate the TDS-to-conductivity correlation factor once each calendar quarter. If the ratio of concurrently sampled TDS and conductivity is more than 10% higher or lower than the established factor, the permit holder shall increase TDS monitoring to weekly until a new correlation factor can be established.
 - (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, or 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) The analysis method for conductivity shall be either ASTM D1125-95A (field or routine laboratory testing) or ASTM D1125-95B (continuous monitor). The analysis may be conducted at the sample site or with a calibrated process conductivity meter. If a conductivity meter is used, it shall be calibrated at least annually. Documentation of the method and any associated calibration records shall be maintained.
 - (c) Alternate sampling and analysis methods may be used to comply with 34.C(4)(a) and 34.C(4)(b) with written approval from the TCEQ Regional Director.

- (d) Records of all instrument calibrations and test results and process measurements used for the emission calculations shall be retained.
 - (5) Emission rates of PM, PM₁₀ and PM_{2.5} shall be calculated using the measured TDS and the ratio or correlation of TDS to conductivity measurements, 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.
 - D. All records shall be maintained at the plant site for a period of five years and made available to representatives of the TCEQ upon request. **(02/19)**
35. The inlet temperature to the combustion catalyst for the Cogeneration Power Plant Units (EPNs SPS4-1, SPS4-2, SPS4-3, and SPS4-4) shall be monitored at least once every 15 minutes and the 4 hour rolling average recorded each hour. The 4-hour rolling average of the inlet temperature shall be maintained within the range suggested by the catalyst manufacturer. 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 $\pm 2.5^{\circ}\text{C}$.

Quality assured (or valid) data must be generated when the turbine 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 turbine operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgement and the methods used recorded. **(10/13)**

Piping, Valves, Pumps, and Compressors in H₂S Service

36. Piping, valves, pumps, and compressors handling material containing more than one weight percent H₂S are subject to the following requirements: **(08/18)**
- A. Audio, olfactory, and visual checks for H₂S leaks within the operating area shall be made once each shift while the facility is operating.
 - 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.
 - (3) Commence repair or replace the leaking component.
 - (4) If the leak cannot be repaired within six hours, the holder of this permit shall use a leak collection or containment system to prevent the leak until repair or replacement can be made if immediate repair is not possible.

Records shall be maintained at the plant site of the time leaks were detected and all repairs and replacements made due to leaks. These records shall be maintained for a period of five years and made available to representatives of the TCEQ upon request.

Piping, Valves, Pumps, and Compressors in SO₂ or NH₃ Service

37. Piping, valves, pumps, and compressors in SO₂ or NH₃ service are subject to the following requirements:
- A. Audio, olfactory, and visual checks for SO₂ and NH₃ shall be made once each shift while the facility is operating. **(08/18)**
 - B. Immediately, but no later than one hour upon detection of a leak, the holder of this permit shall take one of the following actions:
 - (1) Isolate the leak.
 - (2) Commence repair or replacement of the leaking component.
 - (3) Use a leak collection or containment system to prevent the leak until repair or replacement can be made if immediate repair is not possible.
 - C. The date and time of each inspection shall be recorded in the operator's log or equivalent. Records shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be maintained at the plant site for a period of five years and made available to the TCEQ Executive Director or his designated representative upon request.

Delayed Coking Unit

38. All conveyors shall be covered and water sprays shall be installed and operated as necessary at all coke product transfer points in order to control coke dust emissions to the minimum level possible under existing conditions.
39. Coke stockpiles shall be sprinkled with water and/or chemicals as necessary to control coke dust emissions to the minimum level possible under existing conditions.
40. All truck traffic hauling coke shall be on paved roads from the DCU limits to the plant property line. These roads shall be cleaned upon visible detection of coke particulate emissions.
41. The undercarriage of all coke trucks leaving the plant site shall be washed with water, and the coke load shall be covered with a canvas or similar type of covering firmly secured to reduce particulate emissions.
42. As determined by a trained observer, no visible emissions from coke handling facilities shall leave the plant property.
43. Coke product may be hauled off-site by rail, truck, or conveyor. Rail or conveyor shall be the primary mode of transportation. A water truck in operating condition shall be kept at the plant when coke product is being hauled off-site by truck. The water truck shall be used to control fugitive dust emissions. The TCEQ Regional Office shall be notified when coke loadout operations using trucks commence.
44. The moisture of the coke in the primary coke pad and the alternate coke pad shall be maintained in a visibly wet condition at a level of 8.0 percent or greater. The holder of this permit shall take samples of the coke on the conveyer system transferring coke from the coke pad to the storage silo on each day that transfers are being made and analyze the samples for moisture content and

record the results. The holder of this permit shall take a composite sample collected from a minimum of four locations around the perimeter of the alternate coke storage pad on each day that the alternate coke storage pad is in use. Compliance with the moisture content requirement shall be determined based on the weekly average of the moisture content measured for the various days during the calendar week. The alternate coke storage pad shall service both Delayed Coking Units (DCU1 and DCU2). **(2/13)**

45. In the event that the capability to export coke from the site is interrupted, coke may be stockpiled at the alternate coke storage pad on a temporary basis. Coke may be stockpiled for no more than 90 days per instance of export disruption, at the end of which period all stockpiled coke shall be removed from the site. During any such periods, the following shall apply:
- A. A watering truck or other watering device (such as a sprinkler system, etc.) shall be used on the coke in the alternate coke storage pad as necessary to minimize particulate emissions. Final design of a watering system other than a watering truck shall be approved by the appropriate TCEQ Regional Office prior to installation.
 - B. The permit holder shall take samples of the stockpiled coke in the alternate coke storage pad for water content analysis within one hour prior to the scheduled application of water. Sampling frequency shall be once every other day until the coke stockpile is removed. Sampling locations shall be rotated sufficiently to ensure representative coverage of the stockpile.
 - C. The TCEQ Regional Office shall be notified in writing within 15 days after coke has begun being stockpiled at the alternate coke storage pad. Records of the water content analysis samples taken of the stockpiled coke in the alternate coke storage pad shall be maintained for a period of five years and made available to representatives of the TCEQ upon request.

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46. Sampling ports and platform(s) shall conform to the specifications set forth in the enclosure entitled "Chapter 2, Guidelines For Stack Sampling Facilities." Alternate sampling facility designs may be submitted for approval by the TCEQ Regional Director. **(2/17)**
47. 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 associated with the Crude Expansion Project (CEP):
- A. Crude Expansion Project (CEP):
 - Heaters and boilers with firing rates greater than or equal to 100 MMBtu/hr and (EPNs SCRU5-1, SCRU5-2, SNHTU2-1, SNHTU2-2, SNHTU2-3, SHCU2-5, SDCU2-1, SDCU2-2, SDCU2-3, SVPS5-1, SVPS5-2, and SPS4-6),
- *EPNs SHCU2-5 shall be stack tested no more than 180 days upon the start of operation of the Hydrocracker Expansion project. **(02/20)**
- Heaters and boilers with firing rates greater than 40 MMBtu/hr and less than 100 MMBtu/hr (EPNs SHCU2-1, SHCU2-2, SHCU2-3, SHCU2-6, SHTU6-1, and SHTU6-2), and
 - Cogeneration Power Plant Units (EPNs SPS4-1, SPS4-2, SPS4-3, and SPS4-4).

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- Molten Sulfur Storage Tank TK1928 (EPN TK1928). **(2/17)**

B. Reserved **(7/25)**

C. Reserved **(02/25)**

The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense.

- D. The appropriate TCEQ 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; and
- (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 and procedures for submitting the test reports. A written proposed description of any deviation from sampling procedures specified in permit conditions or the TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Director shall approve or disapprove of any deviation from specified sampling procedures. Requests to waive testing for any pollutant specified in B of this condition shall be submitted to the TCEQ Office of Air, Air Permits Division in Austin. Test waivers and alternate or equivalent procedure proposals for NSPS testing that must have EPA approval shall be submitted to the TCEQ Regional Director.

- E. Air contaminants to be tested for include (but are not limited to) the following for the various units:

- (1) Heaters and boilers greater than or equal to 100 MMBtu/hr – VOC and SO₂.
- (2) Reserved **(7/25)**
- (3) Heaters and boilers greater than 40 MMBtu/hr and less than 100 MMBtu/hr – VOC, SO₂, NO_x, and CO.
- (4) Cogeneration power plant units – SO₂, NO_x, CO, VOC, PM (both front and back-half of the sampling train), H₂SO₄, and NH₃.
- (5) Molten Sulfur Storage Tank TK1928 – H₂S, SO₂ **(2/17)**

- F. Each emission point shall be sampled for all contaminants except for VOC within 60 days of achieving maximum operation, not to exceed 180 days after initial start of operation. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office. Additional time to comply with the applicable requirements of 40 CFR Parts 60 and 61 requires EPA approval, and requests shall be submitted to the TCEQ Regional Director.

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Each emission point shall be sampled for VOC (except TK1928) before August 31, 2014. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office. **(2/17)**

- G. Each emission point subject to stack emission testing shall be tested when the facility (or facilities) directly associated with the emission point is operating at maximum emissions potential. Primary operating parameters that enable determination of maximum emissions potential shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the facility is unable to operate at maximum emissions potential during testing, then future operations may be limited based on the rates established during testing.
- H. Copies 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 to the appropriate TCEQ Regional Office. **(10/13)**

Periodic Determination of Compliance

48. Upon request from the TCEQ Executive Director 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: **(05/12)**

SBU1- SRU Tail Gas Incinerators (EPNs STGTU1-1 AND STGTU2-1).

CEP - Heaters and boilers with firing rates equal to or greater than 40 MMBtu/hr and less than 100 MMBtu/hr (EPNs SHCU2-1, SHCU2-2, SHCU2-3, SCHU2-6, SHTU6-1, and SHTU6-2), and **(12/10)**

- Cogeneration Power Plant Units (EPNs SPS4-1, SPS4-2, SPS4-3, and SPS4-4). **(12/09)**

CEP - TK1928 (EPN TK1928) **(2/17)**

SBU2 - SRU Tail Gas Incinerators (EPNs STGTU5-1, STGTU6-1, and STGTU7-1) **(08/18)**

The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense.

- A. The appropriate TCEQ 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 and procedures for submitting the test reports. A written proposed description of any deviation from sampling procedures specified in permit conditions or the TCEQ or the EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Director shall approve or disapprove of any deviation from specified sampling procedures. Requests to waive testing for any pollutant specified in B of this condition shall be submitted to the TCEQ Office of Air, Air Permits Division in Austin. Test waivers and alternate or equivalent procedure proposals for NSPS testing that must have the EPA approval shall be submitted to the TCEQ Regional Director.

- B. Air contaminants to be tested for include (but are not limited to) the following for the various units: **(12/10)**
- (1) Heaters and boilers – NO_x, SO₂, and CO.
 - (2) Cogeneration power plant units – NO_x, CO, SO₂, VOC, PM (both front and back-half of the sampling train), H₂SO₄, and NH₃.
 - (3) SRU TGIs - NO_x, CO, SO₂, VOC.
 - (4) Molten Sulfur Storage Tank TK1928 (EPN TK1928) - H₂S, SO₂ **(2/17)**
- C. Each emission point subject to stack emission testing shall be tested within 180 days of receiving a request from the Executive Director. Testing shall be conducted when the facility (or facilities) directly associated with the emission point is operating at maximum emissions potential (e.g., maximum production, throughput, firing rate, etc.) Primary operating parameters that enable determination of maximum emissions potential shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the plant is unable to operate at maximum emissions potential during testing, then future operations may be limited based on the rates established during testing.
- D. After the initial vent stack test for TK1928 the rolling 24 hour average temperature of the sulfur shall be less than or equal to the sulfur temperature maintained during the most recent satisfactory vent stack testing. **(2/17)**
- E. TK1928 shall be tested annually for H₂S and SO₂. **(2/17)**
- F. The tank temperature of TK1928 shall be recorded every 15 minutes. The net throughput of liquid sulfur shall be recorded daily. Quarterly opacity monitoring shall be conducted to ensure opacity does not exceed a 20% average over a 6 minute period. **(2/17)**
- G. Copies 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 appropriate TCEQ Regional Office.
49. The CEP Reformer Regeneration Vent (EPN SCR5-3) is subject to the following requirements: **(12/10)**
- A. Each vent shall be routed through a caustic scrubber prior to discharge to the atmosphere, or be designed with a moving bed gas-solid adsorption system (MBAS). The scrubbers or MBAS shall be designed to control hydrogen chloride (HCl) emissions to an outlet

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concentration of 10 ppmv or an overall control efficiency of 99 percent, whichever is less stringent. **(4/15)**

- B. If vent emissions are controlled with a scrubber, the scrubbing solution shall be maintained at or above the higher of a pH the last stack test, or the average minimum alkalinity established during the performance test. The alkalinity shall be analyzed once daily with an appropriate alkalinity meter. Records shall be maintained on site of the last stack test and compliance with the pH for the previous 5 years.. **(02/20)**
- C. If vent emissions are controlled with a MBAS, the temperature of the inlet gas to and from the regenerator shall be continually monitored, and maintained at or below the higher of the daily average temperature (280° F), or the maximum temperature established during the performance test. **(4/15)**
- D. The inlet and outlet HCl emissions shall be tested daily with an approved portable analyzer.
- E. If vent emissions are controlled with a MBAS, the weekly average chloride levels on the sorbent shall not exceed 1.35 weight percent for the inlet and 1.8 weight percent for the outlet when sampled consistently with 40 CFR 63.1567 (Subpart UUU). **(4/15)**
- F. Records of the analytical and testing results and the actual testing methods used shall be maintained at the plant site for a period of five years and made available to the TCEQ Executive Director or his designated representative upon request.

Continuous Determination of Compliance

- 50. Upon request by the TCEQ Beaumont Regional Director or any local air pollution control program having jurisdiction, the holder of this permit shall provide a sample and/or an analysis of the fuel(s) utilized in Boilers SPS3-4 and SPS3-5 or shall allow air pollution control agency representatives to obtain a sample for analysis. **(08/18)**
- 51. Opacity of particulate matter emissions shall not exceed 20 percent. This determination shall be made by first observing for visible emissions from EPNs SPS3-4 and SPS3-5 while the facility is operating. Observations shall be made at least 15 feet and no more than 0.25 mile from the emission point(s). If visible emissions are observed from the stack(s), then opacity shall be determined by 40 CFR Part 60, Appendix A, Test Method 9. Contributions from uncombined water shall not be included in determining compliance with this condition. Observations shall be performed and recorded quarterly. If opacity exceeds 20 percent, corrective action to eliminate the source of visible emissions shall be taken promptly and documented within one week of first observation. **(08/18)**
- 52. The permit holder shall monitor fuel consumption continuously for combustion units EPN SPS3-4 and EPN SPS3-5 using a monitoring device that is maintained, calibrated, and operated in accordance with the manufacturer's specifications. The monitoring device shall be calibrated in accordance with the manufacturer's recommendations or at least annually. Maximum fuel consumption shall not exceed the following limitations: **(08/18)**

Refinery Fuel Gas

EPN	Source Name	MMBtu per Year
SPS3-4	Boiler 34	5,781,600
SPS3-5	Boiler 35	5,781,600

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53. The holder of this permit for boilers EPN SPS3-4 and SPS3-5 shall install, calibrate, maintain, and operate a continuous emission monitor system (CEMS) to determine the in stack concentration of NO_x. Additionally, a CEMS is required for carbon monoxide (CO) for these boilers. **(08/18)**
54. The owner or operator must comply with the following for the boilers EPNs SPS3-4 and SPS3-5: **(08/18)**
 - A. The CEMS shall meet the requirements of 40 CFR Part 60 as follows:
 - (1) Section 60.13, Monitoring Requirements;
 - (a) Appendix B, Performance Specifications: Performance Specification 2 for NO_x in terms of lb/MMBtu (an alternative relative accuracy requirement of ± 2.0 parts per million by volume (ppmv) from the reference method mean value is allowed), Performance Specification 3 for diluent, and Performance Specification 4 for CO.
 - (b) Appendix F, Quality Assurance Procedures: Conduct audits for NO_x, CO, and diluent analyzers in accordance with §5.1 of Appendix F. There shall be a written notification to the appropriate TCEQ Regional Office of the date of any CEMS RATA at least 15 days prior to such date followed by written notification within 15 days after testing is completed.
 - B. Monitor diluent, either O₂ or carbon dioxide.
 - C. One CEMS may be shared among units, provided the exhaust stream of each stack is analyzed separately; and the CEMS meets certification requirements for each stack while the CEMS is operating in the time-shared mode. Exhaust streams of units which vent to a common stack do not need to be analyzed separately.
 - D. The owner or operator shall use one of the following methods to provide substitute emissions compliance data during periods when the NO_x CEMS is off line:
 - (1) Use the missing data procedures specified in 40 CFR Part 75, Subpart D, Missing Data Substitution Procedures; or
 - (2) Use the maximum block one-hour emission rate as measured during the initial demonstration of compliance.
55. The holder of this permit shall install, calibrate, operate, and maintain CEMSs to measure and record the following:
 - A. The NO_x, CO, and O₂ from the following heaters and boilers with firing rates greater than 100 MMBtu/hr (EPNs SCR5-1, SCR5-2, SNHTU2-1, SNHTU2-2, SNHTU2-3, SDCU2-1, SDCU2-2, SDCU2-3, and SHCU2-5); **(02/20)**
 - B. The SO₂ and O₂ from the SRU/SCOT TGIs (EPNs STGTU1-1, STGTU2-1, STGTU5-1, STGTU6-1, and STGTU7-1); and **(5/12)**
 - C. The NO_x, CO, diluent gases (O₂ or carbon dioxide [CO₂]), and NH₃ from Cogeneration Power Plant Units (EPNs SPS4-1, SPS4-2, SPS4-3, and SPS4-4), Power Boiler 46 (SPS4-6), VPS5 Atmospheric Tower Heaters (EPN SVPS5-1), and VPS5 Vacuum Tower Heaters (EPN SVPS5-2). As an approved alternative, the NH₃ slip may be measured using a sorbent or stain tube device specific for NH₃ measurement in the 5 to 10 ppm range. The frequency of sorbent or stain tube testing shall be 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 unit and when operation of the SCR unit has been proven successful with regard to controlling NH_3 slip. **(7/25)**

- D. H_2S in representative locations in the refinery fuel gas system in accordance with the fuel sulfur monitoring requirements of 40 CFR § 60.105.
56. The CEMS for EPNs SCRU5-1, SCRU5-2, SNHTU2-1, SNHTU2-2, SNHTU2-3, SDCU2-1, SDCU2-2, SDCU2-3, SHCU2-5, STGTU1-1, STGTU2-1, STGTU5-1, STGTU6-1, and STGTU7-1 shall meet the following requirements: **(7/25)**
- 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 Air, Air Permits Division for requirements to be met.
- B. Section 1 below applies to sources subject to the quality-assurance requirements of 40 CFR Part 60, Appendix F; Section 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 appropriate TCEQ Regional Manager, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Manager.
 - (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 relative accuracy test audit (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 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 pounds/hour at least once every week in accordance with Attachment 2 of these conditions, entitled "Calculation of Emission Rates from CEMS Data."
- D. All monitoring data and quality assurance data shall be maintained by the source. The data from the CEMS may, at the discretion of the TCEQ, be used to determine compliance with the conditions of this permit.

- E. The appropriate TCEQ 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 facility generating emissions 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 facility generating emissions 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 Regional Manager.

Emission Reductions

57. Authorization for start of operation of facilities added by the CEP is contingent upon the following:

- A. Shutdown of three Power Boilers (Nos. 29, 32, and 33 - EPNs SPS1-2, SPS3-2, and SPS3-3, respectively) and one Turbine (No. GT26 - EPN SPS1-2) shall occur prior to introduction of feed to a new major CEP unit (DCU2, HCU2, NPC, or VPS5).
- B. Shutdown of two natural gas-fired compressor engines in the existing Hydrocracking Unit (FHCU1) shall occur prior to introduction of feed to a new major CEP unit (DCU2, HCU2, NPC, or VPS5).
- C. The permit holder shall reduce potential NO_x emissions by 127.58 tpy from three natural-gas fired Compressor Engines (Nos. 400A, 400B, and 400C) in the West Side Gas Plant. This may be achieved by reduced operation of the engines or installation low NO_x technology to the engines, once feed is introduced to a new major CEP unit (DCU2, HCU2, NPC, or VPS5). The emission reduction shall be made enforceable via amendment or alteration of this permit as appropriate.
- D. Staged Activated Sludge Treating Units (SASTUs) 1921/1922 shall be shut down and replaced with covered SASTUs 2125/2126 (authorized by PBR) prior to introduction of feed to a new major CEP unit (DCU2, HCU2, NPC, or VPS5).

The holder of this permit shall maintain records of these emission reduction projects at the plant site. **(10/13)**

Maintenance, Startup, and Shutdown (MSS)

58. This permit authorizes emissions from the following planned MSS activities: **(02/25)**

- A. Cleaning and/or repair of tanks;
- B. Pressure vessel degassing for cleaning, inspection, and/or repair;
- C. Maintenance and/or startup of the flare gas recovery system;
- D. Maintenance and/or startup of the vapor recovery system;
- E. Startup of the Cogeneration Power Plant Units (EPNs SPS4-1, SPS4-2, SPS4-3, and SPS4-4);

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- F. Startup of the Heaters and Boilers;
- G. Vacuum Trucks and Frac Tanks listed in Attachment 8;
- H. Inherently low emitting activities listed in Attachment 5;
- I. Routine maintenance activities listed in Attachment 6;
- J. Temporary facilities used to support planned MSS activities as listed in Attachment 9;
- K. MSS emissions from Misc. Chemical use;
- L. Boiler startup and shutdown; **(08/18)**
- M. Boiler refractory curing; **(08/18)**
- N. Calibration, meter proving, and maintenance of process instrumentation; **(08/18)**
- O. Blower/fan maintenance; **(08/18)**
- P. Heaters SCR maintenance; **(02/20)**
- Q. Hydrogen flaring - Pressure Swing Adsorber (PSA) shutdown and flaring from Delayed Coking Unit 2 (DCU2); and **(05/21)**
- R. Fluid Catalytic Cracking Unit #3 (FCCU3) Regenerator planned MSS. **(05/21)**

Attachment 5 identifies the inherently low emitting MSS activities that may be performed at the refinery. Emissions from activities identified in Attachment 5 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 5 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 6 may be tracked through the work orders or equivalent. Emissions from activities identified in Attachment 6 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 5 or 6 and the emissions associated with it shall be recorded and include at least the following information:

- S. the process unit at which emissions from the MSS activity occurred, including the emission point number and common name of the process unit;
- T. the type of planned MSS activity and the reason for the planned activity;
- U. the common name and the facility identification number, if applicable, of the facilities at which the MSS activity and emissions occurred;
- V. the date and time of the MSS activity and its duration;
- W. 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.

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59. Emissions from these MSS activities are subject to the emission rate limitations in the attached table entitled "Emission Sources – Maximum Allowable Emission Rates." Any maintenance, start-up, and shutdown activities not in the above list are not authorized by this permit. **(02/25)**
60. If mixed phase materials must be removed from process equipment, cleared material shall be routed to a knockout drum or equivalent for initial phase separation. All liquids from process equipment or storage vessels must be removed to the maximum extent practical prior to opening equipment to commence maintenance. Liquids must be stored in a closed vessel until transferred to permanent storage.
61. Any gas or vapor removed from process or storage vessels must be routed to the fuel gas system, flare gas recovery system, vapor recovery system, or portable combustion device if the cumulative contaminant partial pressure is greater than 0.50 psi at process conditions or ambient temperature. Control must be maintained until the VOC concentration is less than either 34,000 ppmv as methane, or 10% of the LEL of the controlled material. A vacuum shall be maintained during degassing to a control device with at least 98 percent VOC destruction efficiency, and shall be documented by the use of a vacuum gauge or verification of flow into all open vents. The facilities shall be vented using good engineering practice to ensure air contaminants are flushed out of the system through the control device to the extent allowed by process equipment or storage vessel design. The locations and identifiers of the vents and controlled exhaust stream shall be recorded. **(4/15)**
62. After two system volumes of purge gas have passed through the control device, 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 with a flame ionization detector (FID), or a TCEQ-approved alternative detector. The instrument/FID must meet all requirements specified in Section 8.1 of EPA Method 21 (40 CFR Part 60, Appendix A).

Sampling shall be performed as follows:

- A. Immediately prior to performing sampling, the instrument/FID shall be calibrated with zero and span calibration gas mixtures. Zero gas shall be certified to contain between 0 and 10 ppmv total hydrocarbons. Span calibration gas shall be methane at a concentration within between 34,000 and 50,000 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.
 - B. The sampling point shall be upstream of the inlet to a control device. Sample ports or connections must be designed such that air leakage into the sample port does not occur during sampling.
 - C. 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 1-minute averages. The highest one-minute average measured VOC concentration shall not exceed 34,000 ppmv as methane prior to uncontrolled venting.
 - D. Records of all VOC sampling, instrument calibration values, and calibration gas records shall be maintained. **(10/13)**
63. Emissions from refilling operations to refloat the roofs of floating roof tanks with landed roofs shall be routed to the flare gas recovery system, vapor recovery system, or a portable combustion

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device. Portable combustion devices shall have at least 98 percent VOC destruction efficiency.
(10/13)

64. The site shall adhere to the following MSS operations limitations represented in Air Quality Analysis dated July 22, 2019: **(02/20)**
- A. Only one storage tank in crude oil service may be refilled at a time following a complete roof landing.
 - B. Only one storage tank in gasoline service may be refilled at a time following a complete roof landing.
 - C. Only one storage tank in refinery heavy service shall be able to perform cleaning activity at a time.
 - D. Each storage tank is limited to one roof landing and maintenance activity per year.
65. Records of all floating roof refilling operations shall be maintained on-site for a period of five years and made available to designated representatives of the TCEQ upon request. The record shall include the tank identification number, name of the filling material, start time and date, and end time and date.
66. Boilers SPS3-4 and SPS3-5 units authorized in this permit are exempt from any NO_x and CO operating requirements identified in any special conditions during planned MSS activities identified in Special Condition No. 58 if the following criteria are satisfied: **(08/18)**
- A. The maximum allowable emission rates in the permit authorizing the facility are not exceeded.
 - B. The startup period does not exceed 12 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 12 hours. Startup periods for refractory curing or any other startup related to recommissioning a combustion unit after a prolonged outage shall not exceed 36 hours in duration.
 - C. Control devices are started and operating properly when venting a waste gas stream.

Emission Compliance Recordkeeping

67. Records of all compliance testing, CEM results, process parameters (including short-term production rates, firing rates, etc.), and any other data used to demonstrate compliance with emission rate limitations shall be maintained on-site for a period of five years and made available to designated representatives of TCEQ upon request. **(12/10)**

Emission calculations to demonstrate compliance with the annual emission rate limitations, which are on a 12-month rolling average basis, shall be performed at least once every calendar quarter. Demonstration of compliance shall be based on the emission calculation methods described below.

- A. Tanks:

- (1) Routine emissions shall be calculated based on AP-42, Chapter 7 (Fifth Edition), using the physical property data of the material stored and the actual tank configuration. Short-term emission rates shall be based on the maximum expected filling rate for fixed-roof tanks and the higher of the filling rate or withdrawal rate for internal and external floating roof tanks. Rolling 12-month emission rates shall be based on actual rolling 12-month throughput rates.
 - (2) Emissions from landing and refloating roofs of floating roof tanks for purposes of planned maintenance shall be calculated using API Technical Report 2567, "Evaporative Loss from Storage Tank Floating Roof Landings," dated April 2005. These emissions shall be increased as provided for by Equation No. 5 of the API report, taking into account the number of elapsed days after the tank roof is landed and until all sources of VOC vapor generation (including pools, puddles, leaking pontoons, etc.) are removed prior to refloating the roof.
- B. Loading emissions shall be calculated as described in the permit condition entitled VOC Loading Operations, using the physical property data of the material loaded, rolling 12-month throughput for annual emissions, and loading rates for short-term emissions.
- C. Fugitives - Emissions from equipment components not monitored using EPA Reference Method 21 pursuant to the special conditions of this permit shall be calculated based on component counts and corresponding emission factors consistent with TCEQ guidance as of November 15, 2006, including reduction credits consistent with the implementation of the 28MID or AVO maintenance programs, as applicable. Emissions from equipment components monitored using EPA Reference Method 21 shall be calculated using EPA petroleum industry leak rate/screening value correlation equations consistent with the TCEQ 2011 Emissions Inventory Guidelines Technical Supplement 3: Fugitive Emissions from Piping Components (RG-360A/11). The resulting calculated total organic compound (TOC) emission rates shall be converted to VOC emission rates based on the ratio of weight percent VOC to weight percent TOC in the stream. Monitoring to determine screening values shall be conducted with an analyzer with a flame ionization detector (TVA-1000 or equivalent). The use of response factors as described in Technical Supplement 3 is not required if the response factor of the mixture of VOCs monitored is not greater than three. If a correction is necessary, the screening values shall be adjusted by the response factor before using the screening values to calculate emissions as described in Section 2.4.2 of EPA's Protocol for Equipment Leak Emission Estimates (EPA-453/R-95-017, November 1995).
- D. Boilers/Heaters – Emissions shall be calculated based on CEM information, if required for the source. If CEM information is not available, emissions shall be calculated based on the most recent stack sampling results, if available. If no stack sampling data is available, emissions shall be calculated using the appropriate emission factor for the specific source and the measured daily heating value and average flow rate of the fuel gas. If the facility is fired with fuel oil, the emissions from fuel oil combustion shall be calculated using the appropriate emission factor for the specific source, the quantity of fuel oil fired, and the fuel oil sulfur content. Hours of operation firing fuel oil shall be recorded.
- E. SRU – Emissions shall be calculated based on CEM information, if required for the source. If CEM information is not available, emissions shall be calculated based on the most recent stack sampling results for those compounds, if available. If no stack sampling results are available, use the appropriate emission factor for the specific source.
- F. Cooling Towers – VOC emissions shall be calculated based on actual sampling results and average quarterly recirculation rates. PM emissions shall be calculated as specified in Special Condition No. 34.C(5) and updated monthly. **(02/19)**

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- G. Coke Handling Operations – Emissions shall be calculated based on AP-42, Chapter 13.2.4.2 (Fifth Edition), using monthly throughput rates.
 - H. Cogeneration Power Plant Units - Emissions shall be calculated based on CEM information, if required for the source. If CEM information is not available, emissions shall be calculated based on the most recent stack sampling results, if available. If no stack sampling data is available, emissions shall be calculated using the appropriate emission factor for the specific source and the measured daily heating value and average flow rate of the fuel gas. **(10/13)**
68. For Boilers, EPNs SPS3-4 and SPS3-5, the following records, written or electronic, shall be maintained at the plant site on a five year rolling basis and be made readily available at the request of personnel from the TCEQ or any air pollution control agency with jurisdiction: **(08/18)**
- A. Records to show compliance with relevant requirements of applicable federal NSPS standards listed in Special Condition No. 71.
 - B. Records of fuel gas and fuel oil usage including the sulfur content (must have records to show compliance) according to the fuel suppliers for the facility and the number of hours of operation using fuel oil to show compliance with Special Condition Nos. 7, 8, and 50.
 - C. Records of opacity observations including either visible emissions observations or COMs data as specified in Special Condition No. 51.
 - D. Continuous emission monitoring data for NO_x and CO, from CEMS to demonstrate compliance with the emission rates listed in the maximum allowable emission rates table and performance standards listed in this permit for pollutants that are monitored by CEMS. Data retention at intervals less than one hour is not required. Records shall identify the times when emissions data have been excluded from the calculation of average emission rates because of SS and malfunction along with the justification for excluding data. Records should also identify factors used in calculations that are used to demonstrate compliance with emissions limits and performance standards.
 - E. Documentation of all CEMS quality-assurance measures, calibration checks, adjustments, and maintenance performed on these systems, including all RATAs and Cylinder Gas Audits per Special Condition No. 56. A.(1)(b).
 - F. Calibration records of the fuel consumption monitoring devices for Boiler 34 and Boiler 35 to demonstrate compliance with Special Condition No. 54.
69. All records required by Special Condition No. 14 relating to the minimization of fugitive emissions from piping, valves, connectors, pumps, agitators, and compressors.

Compliance Assurance Monitoring

70. Compliance Assurance Monitoring requirements will be met as outlined in Attachment 4 to these conditions.

Federal Applicability

71. These facilities shall comply with all applicable requirements of EPA regulations on Standards of Performance for New Stationary Sources in 40 CFR Part 60, Subparts A, D, Db, J, Ja, Kb, VVa, GGG, GGGa, NNN, RRR, QQQ, IIII, and KKKK. **(01/20)**

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72. These facilities shall comply with all applicable requirements of the EPA regulations on NESHAPS in 40 CFR Part 61, Subparts A and FF.
73. These facilities shall comply with all applicable requirements of the EPA regulations on NESHAPS for Source Categories in 40 CFR Part 63, Subparts A, CC, UUU, ZZZZ, YYYY, and DDDDD.

Additional MSS Conditions for Vacuum Trucks, Frac Tanks and Miscellaneous Chemicals

74. The following requirements apply to frac, or temporary, tanks and vessels used in support of MSS activities:
 - A. 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. Logos, slogans, and similar displays (not to exceed 15 percent of the vertical tank shell area) are allowed.
 - 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 100 gallons 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 during the previous calendar month and the past consecutive 12 month period. 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 partial pressure at the estimated monthly average material temperature in psia. Filling and standing emissions for tanks shall be calculated 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 partial pressure 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.
75. The following requirements apply to vacuum and air mover truck operations to support planned MSS at this site:
 - A. Vacuum pumps and blowers shall not be operated on trucks containing or vacuuming liquids with VOC partial pressure 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 partial pressure 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 partial pressure

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, VOC exhaust concentration upon commencing each transfer, at the end of each transfer, and at least every hour during each transfer, measured using an instrument meeting the requirements of Special Condition No. 77.A, 77.B, or 77.C.
 - (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 partial pressure 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.
76. Air contaminant concentration shall be measured using an instrument/detector meeting one set of requirements specified below. **(01/20)**
 - A. The VOC concentration shall be measured using an instrument meeting all the requirements specified in EPA Method 21 (40 CFR Part 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 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 response factor 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 not exceed the specified VOC concentration limit prior to uncontrolled venting.

- (3) If a TVA-1000 calibrated with methane is used to determine the VOC concentration, a measured concentration of 34,000 ppmv may be considered equivalent to 10,000 ppmv 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 is less than 80 percent of the range of the tube. If the maximum range of the tube is greater than the release concentration defined in (3), the concentration measured 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*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. Continuous monitor on the vacuum truck provided it meets all of the design and performance specifications listed in Special Condition No. 56.

D. 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.

77. Attachment 5 identifies the inherently low emitting MSS activities that may be performed at the refinery. Emissions from activities identified in Attachment 5 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 5 must be revalidated annually. This revalidation shall consist of the estimated emissions for each type of activity and the basis for that emission estimate.

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Routine maintenance activities, as identified in Attachment 6 may be tracked through the work orders or equivalent. Emissions from activities identified in Attachment 6 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 chemicals, cleaners, and lubricants identified in the Attachment 7 are authorized to be used in support of MSS at the facilities located at the site. Emissions of these chemicals, cleaners, and lubricants shall be based on warehouse inventory tracking or equivalent for that month. Any product release for use shall be assumed to be used that month.

Additional Conditions for MSS Implementation

78. The permit holder may maintain abbreviated records of emissions from Attachments 5 and 6 activities as allowed in Special Condition No. 78 rather than documenting all the information required by Special Condition Nos. 58 parts P through T.
79. Planned MSS 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 Condition Nos. 58, 61, and 62 and 77 through 78 must be used when conducting the planned MSS activity, until the commission determines that the efforts are unreasonable or impractical, or that the activity is an unplanned MSS activity.
80. The emissions from routine startup and shutdown (SS) activities of the Cogeneration Power Plant Units are reflected in the MAERT. These emissions will be minimized by the following:
 - A. Facility and air pollution control equipment will be operated in a manner consistent with good practices for minimizing emissions.
 - B. The frequency and duration of operation in SS mode will be minimized and the applicable emissions monitoring systems will be kept in operation.
 - C. Individual cold startup events for EPNs SPS4-1, SPS4-2, SPS4-3, and SPS4-4 shall not exceed seven hours. A cold startup is defined as a startup after a unit has received no fuel for a period of 24 hours or more.
 - D. Individual warm startup events for EPNs SPS4-1, SPS4-2, SPS4-3, and SPS4-4 shall not exceed five hours. A warm startup is defined as a startup which is not a cold startup.
 - E. Individual shutdown events for EPNs SPS4-1, SPS4-2, SPS4-3, and SPS4-4 shall not exceed two hours.
 - F. The SS activities are authorized provided that the NO_x, CO and VOC emission rates in lb/hr do not exceed those specified in the MAERT and comply with the tons per year specified in the MAERT at normal operating conditions.
 - G. Only one of the four cogeneration units in Power Station No. 4 (EPN's SPS4-1 through SPS4-4) may be started up at any one time. The cogeneration units are considered to be in routine operation as soon as NO_x and CO concentrations are able to meet the concentration limits in Special Condition No. 12.A. **(08/10)**

Special Conditions

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

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81. The following sources and/or activities are authorized under a Standard Exemption or 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. **(11/14)**

Authorization	Source or Activity
Standard Exemption No. 6	WSGP Compressor Engines A, B, and C

82. All fugitive components authorized under emission point number (EPN) CEP-FUG shall be monitored in accordance with the enhanced fugitive LDAR program found in: **(1/17)**
- A. Special Condition No. 14 "Piping, Valves, Connectors, Pumps, Agitators and Compressors, in contact with VOC – Intensive Directed Maintenance – 28MID,"
 - B. Special Condition No. 15, "Enhancements to 28 MID program,"
 - C. Special Condition No. 16, "28CNTQ (Connectors Inspected Quarterly),"
 - D. Special Condition No. 17, "Process Drains," and
 - E. Special Condition No. 18, "Valves in Heavy Liquid Service."

Delayed Coking Unit Vent (02/19)

83. The following operational restrictions apply to the delayed coking unit (EPN VDCU2):
- A. No more than one coke drum may be opened to the atmosphere to depressurize, drain, and remove coke per hour.
 - B. No more than 2,000 drum cycles from Delayed Coker 2 (i.e., drum depressurizations to atmosphere and drum openings) may occur per year on a rolling twelve-month average.
 - C. Prior to depressurizing 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. On and after January 30, 2019 coke drums from Delayed Coker 2 shall not be depressurized and drained to atmosphere until the drum reaches a top or blowdown pressure of 2 psig or less based on a 60-event rolling average with a 5-minute average per event. Prior to January 30, 2019 coke drums from Delayed Coker 2 shall not be depressurized and drained to atmosphere until the drum reaches a top or blowdown pressure of 15 psig or less based on a 5-minute average.
 - F. The permit holder shall maintain a record of the number of cycles for the 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.

Special Conditions

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

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Date: July 17, 2025

ATTACHMENT 1

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

28MID LDAR PROGRAM
Additional Units Post-Feed to CEP
**Naphtha Hydrotreating Unit (FNHTU2)
**Delayed Coking Unit No. 2 (FDCU2)
**Hydrocracking Unit No. 2 (FHCU2)
**Hydrocracking Unit No. 2 Outside Battery Limits (FHCU2-OSBL)
**Hydrotreating Unit No. 6 (FHTU6)
Amine Recovery Unit 1 (FARU1)
Amine Recovery Unit 2 (FARU2)
Amine Recovery Unit 3 (FARU3)
Amine Recovery Unit 4 (FARU4)
**Amine Recovery Unit 5 (FARU5)
**Amine Recovery Unit 6 (FARU6)
Sulfur Recovery Unit 2 (FSRU2)
Sulfur Recovery Unit 3 (FSRU3)
Sulfur Recovery Unit 4 (FSRU4)
**Sulfur Recovery Unit 5 (FSRU5)
**Sulfur Recovery Unit 6 (FSRU6)
**Sulfur Recovery Unit 7 (FSRU7)
**Vacuum Pipe Still 5 (FVPS5)
**Flare Gas Recovery 3 (FGR-3)
Tail Gas Treating Unit No. 1 (FTGTU1)
Tail Gas Treating Unit No. 2 (FTGTU2)
**Tail Gas Treating Unit No. 5 (FTGTU5)
**Tail Gas Treating Unit No. 6 (FTGTU6)
**Tail Gas Treating Unit No. 7 (FTGTU7)
**Power Station (FPS4)
**API Separator Piping Fugitives (FAPISEP)
Sour Water System 1 (FSWS1)
**Sour Water System 2 (FSWS2)
**Sour Water System 3 (FSWS3)

** New CEP Units. Naphtha Hydrotreating Unit (FNHTU2) includes a Naphtha Hydrotreating Unit, a Penex Isomerization Unit, a Catalytic Reforming Unit (CRU5), and supporting processing units.

Date: July 17, 2025

ATTACHMENT 2

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

Calculation of Emission Rates from CEMS Data

(1) Heaters and Boilers:

Emission Rate, lb/hr = $\text{ppmd} * (\text{Firing Rate, MMBtu/hr}) * \text{Cd} * \text{Fd} * [20.9 / (20.9 - \text{O}_2\% \text{d})]$

where: ppmd = pollutant concentration (dry) in ppm from CEMS

Firing Rate (MMBtu/hr) = firing rate determined from the measured fuel gas firing rate (scf/hr) times the fuel gas heating value (MMBtu/scf) from the most recent fuel gas sample

$\text{Cd} (\text{NO}_x) = 1.194 \times 10^{-7} \text{ lb}/(\text{scfd} \cdot \text{ppmd})$

$\text{Cd} (\text{CO}) = 0.7268 \times 10^{-7} \text{ lb}/(\text{scfd} \cdot \text{ppmd})$

$\text{Cd} (\text{NH}_3) = 0.4413 \times 10^{-7} \text{ lb}/(\text{scfd} \cdot \text{ppmd})$

$\text{Fd} (\text{scfd/MMBtu}) = \text{F factor as determined by 40 CFR 60, Appendix A, Method 19 or by reference to a site-specific table of Fd versus fuel gas heating value approved by the Executive Director}$

$\text{O}_2\% \text{d}$ = percent oxygen (dry) from the O_2 CEMS

(2) SRU/SCOT TGIs:

EPNs STGTU1-1 and STGTU2-1

$\text{SO}_2 (\text{lb/hr}) = 62.22 \text{ lb/hr} * (\text{SO}_2 \text{ ppmvd}/250 \text{ ppm}) * (\text{Firing Rate}/75 \text{ MMBtu/hr})$

EPNs STGTU5-1, STGTU6-1, and STGTU7-1

$\text{SO}_2 (\text{lb/hr}) = 71.11 \text{ lb/hr} * (\text{SO}_2 \text{ ppmvd}/250 \text{ ppm}) * (\text{Firing Rate}/66.1 \text{ MMBtu/hr})$

where: $\text{SO}_2 \text{ ppmd}$ = SO_2 concentration (dry, 0% O_2) in ppm from CEMS

Firing Rate = SRU tail gas incinerator firing rate in MMBtu/hr determined from the measured natural gas firing rate (scf/hr) times the natural gas heating value (MMBtu/scf) from the most recent natural gas sample.

(3) Cogeneration Power Plant Units:

Emission Rate, lb/hr =

$\text{ppmd} * \{ (\text{Turbine Fuel Rate, MMBtu/hr}) * \text{Cd} * \text{Fd} * [20.9 / (20.9 - \text{O}_2\% \text{d})] + (\text{Duct Burner Firing, MMBtu/hr}) * \text{Cd} * \text{Fd} * [20.9 / (20.9 - \text{O}_2\% \text{d})] \}$

where: ppmd = pollutant concentration (dry) in ppm from CEMS

Turbine Fuel Rate (MMBtu/hr) = turbine natural gas fuel rate in MMBtu/hr determined from the measured natural gas consumption (scf/hr) times the natural gas heating value (MMBtu/scf) from the most recent natural gas sample.

Duct Burner Firing (MMBtu/hr) = firing rate determined from the measured fuel gas firing rate (scf/hr) times the daily average fuel gas heating value (MMBtu/scf) from the most recent fuel gas sample.

$\text{Cd} (\text{NO}_x) = 1.194 \times 10^{-7} \text{ lb}/(\text{scfd} \cdot \text{ppmd})$

$\text{Cd} (\text{CO}) = 0.7268 \times 10^{-7} \text{ lb}/(\text{scfd} \cdot \text{ppmd})$

$\text{Cd} (\text{NH}_3) = 0.4413 \times 10^{-7} \text{ lb}/(\text{scfd} \cdot \text{ppmd})$

F_d (scfd/MMBtu) = F factor for turbine fuel (F_{d-t}) and duct burner fuel (F_{d-d}) as determined by 40 CFR 60, Appendix A, Method 19 or by reference to a site-specific table of F_d versus fuel heating value approved by the TCEQ Executive Director.

$O_2\%d$ = percent oxygen (dry) from the O_2 CEMS

Upon approval of the TCEQ Executive Director, the permit holder may use alternative methods to calculate emissions in pounds per hour from the CEMS results for the sources listed above.

Calculation of Emission Rates from Non-CEMS Pollutants

$PM_{2.5}$ emission calculation for Boilers 34 and 35 (EPNs SPS3-4 and SPS3-5):

Emission Rate $PM_{2.5}$, (lb/hr) = Fuel Flow Rate (scf/hr) * Fuel Gas BTU content (MMBtu/scf) *
Emission Factor (lb/MMBtu)

Where:

Fuel Flow Rate is monitored;

Fuel Gas BTU is sampled and/or monitored;

Emission Factor is from AP 42, Fifth Edition Compilation of Air Pollutant Emissions Factors, Volume 1: Stationary Point and Area Sources Chapter 1

Date: August 10, 2018

ATTACHMENT 3

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

[reserved]

ATTACHMENT 4 – COMPLIANCE ASSURANCE MONITORING

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

EPN	Unit Name	CAM Basis*	CAM Option
SPS4-1	Power Station No. 4 Cogen Unit 1	Case-by-Case	NO _x CEMS
SPS4-2	Power Station No. 4 Cogen Unit 2	Case-by-Case	NO _x CEMS
SPS4-3	Power Station No. 4 Cogen Unit 3	Case-by-Case	NO _x CEMS
SPS4-4	Power Station No. 4 Cogen Unit 4	Case-by-Case	NO _x CEMS
STGTU1-1	TGTU1 Incinerator	MACT UUU	Satisfies CAM Requirements
STGTU2-1	TGTU2 Incinerator	MACT UUU	Satisfies CAM Requirements
STGTU5-1	SRU5/TGTU5 Incinerator	MACT UUU	Satisfies CAM Requirements
STGTU6-1	SRU6/TGTU6 Incinerator	MACT UUU	Satisfies CAM Requirements
STGTU7-1	SRU7/TGTU7 Incinerator	MACT UUU	Satisfies CAM Requirements
SCRU5-2	Regen Vent Scrubber Emissions	MACT UUU	Satisfies CAM requirements
EDCU2	CRU5, NHTU2, DCU2, and FGP (includes PS4)	CAM Guidance	Pilot Flame Observation with Camera
EHCU2	HCU2 and CFH	CAM Guidance	Pilot Flame Observation with Camera
EVPS5	VPS5	CAM Guidance	Pilot Flame Observation with Camera
ESBU2	SBU2	CAM Guidance	Pilot Flame Observation with Camera

*In the event the thermocouple or other equivalent device is experiencing a malfunction and/or false alarm for greater than 15 minutes, a visual verification of a flame or constant pilot flame presence or absence shall be conducted and continued at an interval of once per hour as an optional means of compliance with these CAM provisions until the system is operating properly.

Date: July 17, 2025

ATTACHMENT 5

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

Inherently Low Emitting Activities

Activity	Emissions				
	VOC	NO _x	CO	PM	H ₂ S/ SO ₂
Catalyst activation/deactivation	X				X
Management of sludge from pits, ponds, sumps, and water conveyances	X				
Aerosol Cans	X				
Calibration of analytical equipment	X	X	X	X	
Carbon can replacement	X				
Catalyst charging/handling	X				
Instrumentation/analyzer maintenance	X				
Meter proving	X				
Replacement of analyzer filters and screens	X				
Maintenance on water treatment systems (cooling, boiler, potable)	X				
Soap and other aqueous based cleaners	X				
Cleaning sight glasses	X				

Date: July 31, 2015

ATTACHMENT 6

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

Routine Maintenance Activities

Pump repair/replacement

Fugitive component (valve, pipe, flange) repair/replacement

Compressor repair/replacement

Heat exchanger repair/replacement

Vessel repair/replacement

Date: July 31, 2015

ATTACHMENT 7

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156
Chemicals and Cleaners

The following materials are authorized for use in support of maintenance activities on the facilities located at the site.

Lubricants

Spray lubricants

Rust inhibitors

Degreaser cleaner

Contact cleaner

Starting fluid

Hydraulic jack oil

Thread cutting oil

Anti-seize compound

Coupling grease

Valve lubricant/sealant

Bearing grease

Tapping/cutting fluid

Motor grease

Date: July 31, 2015

ATTACHMENT 8

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

MSS ACTIVITY SUMMARY

Facilities	Description	Emissions Activity	EPN/FIN
Vacuum Trucks and Frac Tanks	Vacuum Trucks and Frac Tanks	vent to control device	FIN VACTRUCK, FRAC
Vacuum Trucks and Frac Tanks	Vacuum Trucks and Frac Tanks	vent to atmosphere	FIN VACTRUCK, FRAC
Heaters	SCR	Vent to atmosphere	POSCEPMN

Date: July 17, 2025

ATTACHMENT 9

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

Facility List

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 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.

Date: July 31, 2015

ATTACHMENT 10 – EMISSION GROUPS

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

Emission Point Numbers and Source Names

This table lists the emission point numbers, facility identification numbers, and source names for all emission sources covered by this permit that are included in an emissions group.

Emission Group	FIN	EPN	EPN Description
Cogen Unit Group (CGNGRP)	GTG41	SPS4-1	Power Station No. 4 Cogen Unit 1
	GTG42	SPS4-2	Power Station No. 4 Cogen Unit 2
	GTG43	SPS4-3	Power Station No. 4 Cogen Unit 3
	GTG44	SPS4-4	Power Station No. 4 Cogen Unit 4
	Boiler 46	Sps4-6	Power Boiler 46
SRU Incinerators Group (SRUGRP)	STGTU1-1	STGTU1-1	TGTU1 Incinerator
	STGTU2-1	STGTU2-1	TGTU2 Incinerator
	Stgtu5-1	Stgtu5-1	SRU5/TGTU5 Incinerator
	Stgtu6-1	Stgtu6-1	SRU6/TGTU6 Incinerator
	Stgtu7-1	Stgtu7-1	SRU7/TGTU7 Incinerator
Tank Group (TNKGRP)	004TK001	004TK001	MEA Tank
	TK 1908	TK 1908	Storage TK 1908
	TK 1930	TK 1930	Storage TK 1930
	TK 2067	TK 2067	Storage TK 2067
	TK 2068	TK 2068	Storage TK 2068
	TK 2069	TK 2069	Storage TK 2069
	TK 2072	TK 2072	Storage TK 2072
	TK 2073	TK 2073	Storage TK 2073
	TK 2074	TK 2074	Storage TK 2074
	TK 2085	TK 2085	Storage TK 2085
	TK 2093	TK 2093	Storage TK 2093
	TK 2094	TK 2094	Storage TK 2094
	TK 2096	TK 2096	Storage TK 2096
	TK 2097	TK 2097	Storage TK 2097
	TK 2110	TK 2110	DCU quench water tank
	TK 2111	TK 2111	Refinery waste tank
	TK 2112	TK 2112	Storage TK 2112

Attachment 10, Special Conditions

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

Emission Group	FIN	EPN	EPN Description
	TK 2145	TK 2145	Storage TK 2145
Maintenance Group (POSCEPGRP)	FLARES	MSS	MSS Emissions from Flares
	TANKS	MSS	Tank Maintenance
	Vessels	MSS	Vessel Degassing
	Vactruck	MSS	Vacuum Trucks
	FRAC	MSS	Frac Tanks
	CHEM	MSS	Miscellaneous Chemicals
	HEATERS	MSS	MSS Emissions From Heaters
	GTG41	SPS4-1	Power Station 4 Cogen Unit 1
	GTG42	SPS4-2	Power Station 4 Cogen Unit 2
	GTG43	SPS4-3	Power Station 4 Cogen Unit 3
	GTG44	SPS4-4	Power Station 4 Cogen Unit 4

Date: June 19, 2019

ATTACHMENT 11 – MSS EMISSION CAPS

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

Contaminants, Emission Point Numbers, and Source Names

This table lists the maintenance, startup, and shutdown activities from all emission sources covered by this permit that are included in a MSS emissions cap.

The column marked PM identifies which emissions sources are included in the PM, PM₁₀, and PM_{2.5} emission caps.

Activity	MSS Emission Cap Contaminants Emitted					
	NO _x	VOC	SO ₂	CO	PM	H ₂ S
Flares*	X	X	X	X		X
Tanks	X	X		X		
Vessels		X				
Vactruck		X				
FRAC		X				
CHEM		X				
Heaters	X	X	X	X	X	
GTG1	X	X	X	X	X	
GTG2	X	X	X	X	X	
GTG3	X	X	X	X	X	
GTG4	X	X	X	X	X	

Date: February 4, 2020

ATTACHMENT 12 – OPERATIONAL LIMITATIONS

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

Operational Limitations Represented in Air Quality Analysis dated July 22, 2019

Permit	EPN	MSS Hours Per Year*
6056	SVPS5-1 (FIN VPS5H1/2), SVPS5-1 (FIN VPS5H3/4)	168 each total
Claim 106.511	EE15 through EE17	100 each
	EE01, EE03, EE04, AND EE07 through EE14	250 each
PBR 113586	SWENG002, SWENG903, SWENG201, and SWENG912	250 each

*Emissions from MSS activities shall occur no more than the specified number of hours per year for each individual EPN.

Permit	EPN	MSS Hours Per Day
PBR 113586	SWENG0002, SWENG9003, SWNEG2001, and SWENG9012	4 each

Date: July 17, 2025

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 6056, PSDTX1062M4, PSDTX1534M1, GHGPSDTX121M1, and GHGPSDTX156

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)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
VDCU2	VDCU2	Delayed Coking Unit 2 Vent	VOC	55.00	55.00
			PM	1.76	1.76
			PM ₁₀	1.76	1.76
			PM _{2.5}	1.76	1.76
			SO ₂	0.02	0.02
			H ₂ S	3.63	3.63
FCOKE2	COKE 2FE	DCU Coke Handling (5)	PM	0.01	0.01
			PM ₁₀	0.01	0.01
			PM _{2.5}	0.01	0.01
FCOKEX	COKE X FE	Coke Stockpile Surge Pad (5)	PM	0.33	1.45
			PM ₁₀	0.17	0.72
			PM _{2.5}	0.17	0.72
FKCRU5 FE	CRU5 FE	#5 CRU Cooling Tower	VOC	2.31	4.34
			PM	1.65	7.23
			PM ₁₀	1.38	6.03
			PM _{2.5}	0.01	0.02
FKDCU2 FE	DCU2 FE	DCU 2 Cooling Tower	VOC	1.71	3.21
			PM	1.22	5.36
			PM ₁₀	1.02	4.47
			PM _{2.5}	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
FKPS 4 FE	PS 4 FE	Power Station Cooling Tower	PM	0.23	0.99
			PM ₁₀	0.14	0.62
			PM _{2.5}	0.01	0.01
FKVPS 5 FE	VPS 5 FE	VPS Cooling Tower	VOC	1.64	3.07
			PM	1.17	5.13
			PM ₁₀	0.98	4.28
			PM _{2.5}	0.01	0.01
FKARU3	ARU3 FE	ARU No. 3 Cooling Tower (5)	VOC	0.11	0.21
			PM	0.08	0.36
			PM ₁₀	0.07	0.30
			PM _{2.5}	0.01	0.01
FKARU4	ARU 4 FE	ARU No. 4 Cooling Tower (5)	VOC	0.47	0.89
			PM	0.34	0.30
			PM ₁₀	0.28	0.25
			PM _{2.5}	0.01	0.01
EDCU2	EDCU2	DCU No. 2 Flare Stack	NO _x	0.03	0.11
			VOC	0.01	0.01
			SO ₂	0.01	0.01
			CO	0.18	0.81
EHCU2	HCU NO2FS	HCU No. 2 Flare Stack	NO _x	0.02	0.09
			VOC	0.01	0.01
			SO ₂	0.01	0.01
			CO	0.15	0.64

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
EVPS5	VPS NO5 FS	VPS No. 5 Flare Stack	NO _x	0.02	0.07
			VOC	0.01	0.01
			SO ₂	0.01	0.01
			CO	0.11	0.48
ESBU2	SBU2	SBU2 Flare Stack	NO _x	0.02	0.07
			VOC	0.01	0.01
			SO ₂	0.01	0.01
			CO	0.11	0.48
FARU1	ARU 1 FE	ARU No. 1 Fugitive Emissions	VOC	0.30	0.81
			H ₂ S	0.22	0.96
			NH ₃	0.01	0.01
FARU2	ARU2 FE	ARU No. 2 Fugitive Emissions	VOC	0.24	0.51
			H ₂ S	0.11	0.48
FARU3	ARU 3 FE	ARU No.3 Fugitive Emissions	VOC	0.24	0.54
			H ₂ S	0.08	0.37
FSWS1	ARU 3 FE	ARU No.3 Fugitive Emissions	VOC	0.03	0.08
			H ₂ S	0.18	0.79
			NH ₃	0.01	0.01
			MDEA	0.04	0.17
FARU4	ARU 4 FE	ARU No.4 Fugitive Emissions	VOC	0.14	0.16
			H ₂ S	0.04	0.17
FSRU2	SRU 2 FE	SRU No.2 Fugitive Emissions	SO ₂	0.01	0.04
			H ₂ S	0.01	0.05
FSRU3	SRU 3 FE		SO ₂	0.01	0.04

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
		SRU No.3 Fugitive Emissions	H ₂ S	0.01	0.05
FSRU4	SRU 4 FE	SRU No.4 Fugitive Emissions	SO ₂	0.06	0.24
			H ₂ S	0.06	0.26
FSBU1	FSBU1	Sulfur Block Unit 1 Fugitives	VOC	0.14	0.63
FSWS2	ARU 5 FE	ARU No. 5 Fugitive Emissions	VOC	0.01	0.01
			H ₂ S	0.25	1.11
			NH ₃	0.01	0.01
FARU5	ARU 5 FE	ARU No. 5 Fugitive Emissions	VOC	0.05	0.24
			H ₂ S	0.07	0.33
FSWS3	ARU 6 FE	ARU No. 6 Fugitive Emissions	VOC	0.01	0.01
			H ₂ S	0.25	1.11
			NH ₃	0.01	0.01
FARU6	ARU 6 FE	ARU No. 6 Fugitive Emissions	VOC	0.04	0.18
			H ₂ S	0.08	0.37
FVPS5	VPS NO 5 FE	VPS No. 5 Ammonia Fugitives	NH ₃	0.03	0.11
FPS4	PS 4 PE	PS 4 Ammonia Fugitives	NH ₃	0.03	0.14
CEP-FUG	Various	Fugitives Group	VOC	37.88	166.25
			SO ₂	0.02	2.57
			CO	0.02	8.62
			H ₂ S	0.72	0.34
FTGTU1	TGTU 1 FE	Tail Gas Treating Unit No.1 Incinerator Fugitives	VOC	0.04	0.17
			SO ₂	0.01	0.03
			CO	0.01	0.06

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
			H ₂ S	0.02	0.08
			MDEA	0.04	0.17
FTGTU2	TGTU 2 FE	Tail Gas Treating Unit No.2 Incinerator Fugitives	VOC	0.20	0.35
			SO ₂	0.01	0.03
			CO	0.02	0.07
			H ₂ S	0.02	0.08
			MDEA	0.04	0.17
SCRU5-1	CRU5INTHT1	#5 CRU Platformer No.1 Intermediate Heater	NO _x	17.33	42.66
			VOC	2.67	2.30
			SO ₂	18.44	37.82
			CO	16.94	58.41
			PM	3.69	12.71
			PM ₁₀	3.69	12.71
			PM _{2.5}	3.69	12.71
SCRU5-2	CRU5INTHT2	#5 CRU Platformer No.2 Intermediate Heater	NO _x	12.39	27.51
			VOC	1.91	1.48
			SO ₂	13.19	24.39
			CO	12.12	37.67
			PM	2.64	8.20
			PM ₁₀	2.64	8.20
			PM _{2.5}	2.64	8.20

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
SCRU5-2	CRU5INTHT3	#5 CRU Platformer No.3 Intermediate Heater	NO _x	7.70	21.04
			VOC	1.19	1.13
			SO ₂	8.20	18.65
			CO	7.53	28.81
			PM	1.64	6.27
			PM ₁₀	1.64	6.27
			PM _{2.5}	1.64	6.27
SNHTU2-1	NHTU2CHT	Naphtha Hydrotreater CHG Heater	NO _x	7.25	19.88
			VOC	1.12	2.14
			SO ₂	7.71	17.63
			CO	7.09	27.22
			PM	1.54	5.93
			PM ₁₀	1.54	5.93
			PM _{2.5}	1.54	5.93
SCRU5-1	CRU5PLATHT	#5 CRU Platformer Heater	NO _x	13.93	38.15
			VOC	2.15	2.06
			SO ₂	14.83	33.82
			CO	13.62	52.23
			PM	2.97	11.37
			PM ₁₀	2.97	11.37
			PM _{2.5}	2.97	11.37

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
SHCU2-1	HCU2H1A	HCU No.2 1 st Stage Charge Set A Heater	NO _x	2.32	6.66
			VOC	0.36	0.72
			SO ₂	2.47	5.91
			CO	2.27	9.12
			PM	0.49	1.99
			PM ₁₀	0.49	1.99
			PM _{2.5}	0.49	1.99
SHCU2-2	HCU2H1B	HCU No.2 1 st Stage Charge Set B Heater	NO _x	2.32	6.66
			VOC	0.36	0.72
			SO ₂	2.47	5.91
			CO	2.27	9.12
			PM	0.49	1.99
			PM ₁₀	0.49	1.99
			PM _{2.5}	0.49	1.99
SHCU2-3	HCU2H2	HCU No.2 2 nd Charge Heater	NO _x	2.94	8.46
			VOC	0.45	0.91
			SO ₂	3.13	7.50
			CO	2.88	11.58
			PM	0.63	2.52
			PM ₁₀	0.63	2.52
			PM _{2.5}	0.63	2.52

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
SHTU6-1	HTU6CHGH1	HTU No.6 Charge Heater	NO _x	3.82	11.06
			VOC	0.59	1.04
			SO ₂	4.07	9.89
			CO	3.73	15.16
			PM	0.81	3.32
			PM ₁₀	0.81	3.32
			PM _{2.5}	0.81	3.32
SHTU6-2	HTU6CHGH2	HTU No.6 Fractionator Reboiler	NO _x	2.51	7.22
			VOC	0.39	0.78
			SO ₂	2.67	6.40
			CO	2.46	9.88
			PM	0.53	2.15
			PM ₁₀	0.53	2.15
			PM _{2.5}	0.53	2.15
SHCU2-6	HCU2DHTH1	HCU No.2 DHT Charge Heater	NO _x	3.13	9.00
			VOC	0.48	0.97
			SO ₂	3.34	7.98
			CO	3.07	12.33
			PM	0.67	2.68
			PM ₁₀	0.67	2.68
			PM _{2.5}	0.67	2.68

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
SHCU2-5	SCHCU2-5	HCU No.2 Fractionator Heater	NO _x	16.28	71.28
			VOC	2.51	5.49
			SO ₂	17.32	22.57
			CO	15.92	69.72
			PM	3.46	15.18
			PM ₁₀	3.46	15.18
			PM _{2.5}	3.36	15.18
SDCU2-1	SDCU2-1	Coker Heater No.1	NO _x	9.42	36.58
			VOC	1.45	1.41
			SO ₂	10.02	23.16
			CO	9.21	35.77
			PM	2.00	7.79
			PM ₁₀	2.00	7.79
			PM _{2.5}	2.00	7.79
SDCU2-2	SDCU2-2	Coker Heater No.2	NO _x	9.42	36.58
			VOC	1.45	1.41
			SO ₂	10.02	23.16
			CO	9.21	35.77
			PM	2.00	7.79
			PM ₁₀	2.00	7.79
			PM _{2.5}	2.00	7.79

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
SDCU2-3	SDCU2-3	Coker Heater No.3	NO _x	9.42	36.58
			VOC	1.45	1.41
			SO ₂	10.02	23.16
			CO	9.21	35.77
			PM	2.00	7.79
			PM ₁₀	2.00	7.79
			PM _{2.5}	2.00	7.79
SVPS5-1	VPS5H1/2	VPS No.5, No.1/2 Atmospheric Heater	NO _x	14.32	9.65
			VOC	2.21	4.63
			SO ₂	15.24	38.02
			CO	14.00	58.72
			PM	3.05	12.78
			PM ₁₀	3.05	12.78
			PM _{2.5}	3.05	12.78
			NH ₃	1.53	6.42
SVPS5-1	VPS5H3/4	VPS No.5, No.3/4 Atmospheric Heater	NO _x	14.32	9.65
			VOC	2.21	4.63
			SO ₂	15.24	38.02
			CO	14.00	58.72
			PM	3.05	12.78
			PM ₁₀	3.05	12.78
			PM _{2.5}	3.05	12.78
			NH ₃	1.53	6.42

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
SVPS5-2	VPS5VAC1HT	VPS No.5, No.1 Vacuum Heater	NO _x	7.56	5.10
			VOC	1.16	2.44
			SO ₂	8.05	20.09
			CO	7.39	31.02
			PM	1.61	6.75
			PM ₁₀	1.61	6.75
			PM _{2.5}	1.61	6.75
			NH ₃	0.81	3.39
SVPS5-2	VPS5VAC2HT	VPS No.5, No.2 Vacuum Heater	NO _x	7.56	5.10
			VOC	1.16	2.44
			SO ₂	8.05	20.09
			CO	7.39	31.02
			PM	1.61	6.75
			PM ₁₀	1.61	6.75
			PM _{2.5}	1.61	6.75
			NH ₃	0.81	3.39
SNHTU2-2	NHTU2STRP	Naphtha Hydrotreater Stripper Reboiler	NO _x	6.51	17.92
			VOC	1.00	1.93
			SO ₂	6.93	15.89
			CO	6.37	24.53
			PM	1.39	5.34
			PM ₁₀	1.39	5.34
			PM _{2.5}	1.39	5.34

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
SNHTU2-3	NHTU2SPLT	Naphtha Hydrotreater Stripper Reboiler	NO _x	10.40	28.32
			VOC	1.60	3.05
			SO ₂	11.06	25.11
			CO	10.17	38.78
			PM	2.21	8.44
			PM ₁₀	2.21	8.44
			PM _{2.5}	2.21	8.44
STGTU1-2	STGTU1-2	Hot Oil Heater	NO _x	0.53	1.21
			VOC	0.03	0.07
			SO ₂	0.20	0.27
			CO	0.43	1.00
			PM	0.04	0.09
			PM ₁₀	0.04	0.09
			PM _{2.5}	0.04	0.09
STGTU2-2	STGTU2-2	Hot Oil Heater	NO _x	3.12	13.67
			VOC	0.17	0.74
			SO ₂	1.16	3.03
			CO	2.57	11.25
			PM	0.23	1.02
			PM ₁₀	0.23	1.02
			PM _{2.5}	0.23	1.02
SCRU5-3	CRU5-CCR	Regen Vent Scrubber Emissions	NO _x	2.28	10.00
			SO ₂	1.59	6.96

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
			PM	0.13	0.59
			PM ₁₀	0.13	0.59
			PM _{2.5}	0.13	0.59
			HCl	0.07	0.30
			Cl ₂	0.01	0.06
SSSCRUB	SLD	Sulfur Loading	H ₂ S	0.16	0.71
			SO ₂	0.31	1.34
POSCEPMN	POSCEPMN	Maintenance Group After CEP (6)	NO _x	1,061.43	30.06
			VOC	3,933.30	97.33
			SO ₂	806.78	44.99
			CO	3,091.26	126.70
			PM	66.98	1.51
			PM ₁₀	66.98	1.51
			PM _{2.5}	66.98	1.51
			H ₂ SO ₄	8.00	0.32
			H ₂ S	29.42	0.44
			NH ₃	13.84	0.43
CGNGRP	CGNGRP	Cogen Unit Group (6)	NO _x	74.21	272.81
			VOC	10.64	39.55
			SO ₂	56.00	161.45
			CO	117.82	516.03
			PM	101.87	391.33
			PM ₁₀	25.00	92.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
			PM _{2.5}	25.00	92.00
			H ₂ SO ₄	32.00	58.69
			NH ₃	29.83	113.39
TNKGRP	TNKGRP	Tank Group (6)	VOC	69.00	40.20
SRUGRP	SRUGRP	SRU Incinerators Group (6)	NO _x	29.15	109.56
			VOC	1.86	7.08
			SO ₂	162.45	711.53
			CO	56.86	236.54
			PM	2.58	9.78
			PM ₁₀	2.58	9.78
			PM _{2.5}	2.58	9.78
SPS-LOV1	GTG41-LOV	Power Station No.4 Lube Oil Vent 1 (5)	PM	0.05	0.22
			PM ₁₀	0.05	0.22
			PM _{2.5}	0.05	0.22
SPS4-1	GTG41	Power Station No.4 Cogen Unit 1	NO _x	15.22	62.87
			VOC	2.12	8.75
			SO ₂	16.60	32.48
			CO	27.80	114.81
			PM	26.62	100.65
			PM ₁₀	26.62	100.65
			PM _{2.5}	26.62	100.65
			H ₂ SO ₄	9.41	18.40
			NH ₃	7.88	27.88

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
SPS-LOV2	GTG42-LOV	Power Station No.4 Lube Oil Vent 2 (5)	PM	0.05	0.22
			PM ₁₀	0.05	0.22
			PM _{2.5}	0.05	0.22
SPS4-2	GTG42	Power Station No.4 Cogen Unit 2	NO _x	15.22	62.87
			VOC	2.12	8.75
			SO ₂	16.60	32.48
			CO	27.80	114.81
			PM	26.62	100.65
			PM ₁₀	26.62	100.65
			PM _{2.5}	26.62	100.65
			H ₂ SO ₄	9.41	18.40
			NH ₃	7.88	27.88
SPS-LOV3	GTG43-LOV	Power Station No.4 Lube Oil Vent 3 (5)	PM	0.05	0.22
			PM ₁₀	0.05	0.22
			PM _{2.5}	0.05	0.22
SPS4-3	GTG43	Power Station No.4 Cogen Unit 3	NO _x	15.22	62.87
			VOC	2.12	8.75
			SO ₂	16.60	32.48
			CO	27.80	114.81
			PM	26.62	100.65
			PM ₁₀	26.62	100.65
			PM _{2.5}	26.62	100.65
			H ₂ SO ₄	9.41	18.40
			NH ₃	7.88	27.88

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
SPS-LOV4	GTG44-LOV	Power Station No.4 Lube Oil Vent 4 (5)	PM	0.05	0.22
			PM ₁₀	0.05	0.22
			PM _{2.5}	0.05	0.22
SPS4-4	GTG44	Power Station No.4 Cogen Unit 4	NO _x	15.22	62.87
			VOC	2.12	8.75
			SO ₂	16.60	32.48
			CO	27.80	114.81
			PM	26.62	100.65
			PM ₁₀	26.62	100.65
			PM _{2.5}	26.62	100.65
			H ₂ SO ₄	9.41	18.40
			NH ₃	7.88	27.88
SPS4-6	Boiler 46	Power Boiler 46	NO _x	20.86	39.16
			VOC	3.21	7.04
			SO ₂	22.20	57.86
			CO	20.40	89.36
			PM	4.44	19.45
			PM ₁₀	4.44	19.45
			PM _{2.5}	4.44	19.45
			NH ₃	2.23	9.77
TK2073	TK2073	Storage TK2073	VOC	8.41	0.11
TK2074	TK2074	Storage TK2074	VOC	8.41	0.11
TK2093	TK2093	Storage TK2093	VOC	11.89	9.03
TK2094	TK2094	Storage TK2094	VOC	6.55	6.32
TK2085	TK2085	Storage TK2085	VOC	8.68	0.06

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
TK2097	TK2097	Storage TK2097	VOC	1.64	6.26
TK2096	TK2096	Storage TK2096	VOC	1.64	6.26
TK2069	TK2069	Storage TK2069	VOC	4.60	11.39
TK2067	TK2067	Storage TK 2067	VOC	4.60	11.39
TK2068	TK2068	Storage TK 2068	VOC	4.60	11.39
TK2110	TK2110	DCU Quench Water Tank	VOC	0.01	0.10
TK2111	TK2111	Refinery Waste Tank	VOC	0.70	0.19
TK2145	TK2145	Storage TK2145	VOC	1.14	4.17
TK1928	TK1928	Molten Sulfur Storage Tank	H ₂ S	0.05	0.22
			SO ₂	1.15	5.03
TK1930	TK1930	Amine Surge Tank 1930	VOC	0.07	0.01
			H ₂ S	0.01	0.02
			NH ₃	0.01	0.01
TK1937	TK1937	Resid Tank	VOC	8.57	2.50
004TK001	004TK001	Storage Tank 004TK	VOC	0.03	0.01
208TK38629	TK38629	Storage Tank 208TK38629	VOC	24.85	2.73
STGTU5-1	STGTU5-1	SRU5/TGTU5 Incinerator	NO _x	5.22	22.85
			VOC	0.35	1.54
			SO ₂	71.11	311.47
			CO	12.44	54.51
			PM	0.49	2.13
			PM ₁₀	0.49	2.13
			PM _{2.5}	0.49	2.13

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
STGTU6-1	STGTU6-1	SRU6/TGTU6 Incinerator	NO _x	5.22	22.85
			VOC	0.35	1.54
			SO ₂	71.11	311.47
			CO	12.44	54.51
			PM	0.49	2.13
			PM ₁₀	0.49	2.13
			PM _{2.5}	0.49	2.13
STGTU7-1	STGTU7-1	SRU7/TGTU7 Incinerator	NO _x	5.22	22.85
			VOC	0.35	1.54
			SO ₂	71.11	311.47
			CO	12.44	54.51
			PM	0.49	2.13
			PM ₁₀	0.49	2.13
			PM _{2.5}	0.49	2.13
FPS3	PS No 3 FE	Power Station No.3 Fugitive Emissions	VOC	2.24	9.80
			NH ₃	0.03	0.14
STGTU1-1	TGTUINCINR	SRU1/TGTU1 Incinerator	NO _x	6.00	18.22
			VOC	0.40	1.23
			SO ₂	62.22	236.83
			CO	10.89	41.45
			PM	0.56	1.70
			PM ₁₀	0.56	1.70
			PM _{2.5}	0.56	1.70
STGTU2-1	STGTU2-1	SRU2/TGTU1 Incinerator	NO _x	7.50	22.78

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
			VOC	0.40	1.23
			SO ₂	62.22	236.83
			CO	10.89	41.45
			PM	0.56	1.70
			PM ₁₀	0.56	1.70
			PM _{2.5}	0.56	1.70
SPS3-4	SPS3-4	Boiler 34 (Normal and MSS Operation)	NO _x	117.40	514.20
			VOC	3.20	14.10
			SO ₂	32.90	72.20
			CO	49.00	214.60
			PM ₁₀	8.19	22.40
			PM _{2.5}	8.19	22.40
SPS3-5	SPS3-5	Boiler 35 (Normal and MSS operation)	NO _x	117.40	514.20
			VOC	3.20	14.10
			SO ₂	32.90	72.20
			CO	49.00	214.60
			PM ₁₀	8.19	22.40
			PM _{2.5}	8.19	22.40

- (1) Emission point identification – either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. 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
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
CO - carbon monoxide

Emission Sources - Maximum Allowable Emission Rates

Cl₂ - chlorine
H₂S - hydrogen sulfide
NH₃ - ammonia

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations
- (6) Refer to Attachment 10 – Emission Groups for the specific EPNs, Facility Identification Numbers and source names included in each group.

Date: July 17, 2025



Texas Commission on Environmental Quality Air Quality Permit

A Permit Is Hereby Issued To
Motiva Enterprises LLC
Authorizing the Construction and Operation of
Port Arthur Refinery
Located at Port Arthur, Jefferson County, Texas
Latitude 29.883333 Longitude -93.958333

Permits: 8404, PSDTX1062M5, PSDTX1534M2,
GHGPSDTX121M1, and GHGPSDTX156

Amendment Date: September 19, 2025

Expiration Date: January 3, 2030

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
 SOCM = 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 8404, PSDTX1062M5, PSDTX1534M2

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources – Maximum Allowable Emission Rates" (MAERT), and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating requirements specified in the special conditions.

Storage of Volatile Organic Compounds (VOC)

2. 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 pounds per square inch, absolute (psia) at the maximum expected operating temperature or 95°F, whichever is greater, or (2) to storage tanks smaller than 25,000 gallons. **(09/25)**
 - A. An internal floating deck or "roof" or equivalent control shall be installed in all tanks. A domed external floating roof tank is equivalent to an internal floating roof tank. 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. **(09/25)**
 - 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. **(09/25)**
 - C. For any tank equipped with a floating roof, the permit holder shall perform the visual inspections and seal gap measurements as specified in Title 40 Code of Federal Regulations § 60.113b (40 CFR § 60.113b) Testing and Procedures (as amended at 54 FR 32973, Aug. 11, 1989) or according to the alternative specified in 40 CFR § 60.110b(e) (as amended at 86 FR 5019, Jan. 19, 2021) 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. **(09/25)**
 - D. The floating roof design shall incorporate sufficient flotation to conform to the requirements of 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 logos, slogans, and similar displays (not to exceed 15 percent of the vertical tank shell area), uninsulated tank exterior surfaces exposed to the sun shall be white or unpainted aluminum. Storage tanks must be equipped with permanent submerged fill pipes. **(09/25)**
 - F. All vents/emissions from the following storage tanks shall be routed to a vapor recovery system: 1530, 1617, 1740, 1741, 1748, 1803, 1804, 1825, 1850, 1873, 1884, 1887, 1900, 2141, 32451, and 38624. **(09/25)**
 - G. Storage tank 2139 shall be equipped with a pressure release valve and have no working or standing emission.

- H. 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 previous rolling 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 rolling 12-month period. 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 for tanks shall be calculated using the methods that were used to determine the MAERT limits in the permit amendment application, Form PI-1 dated April 5, 2024. Sample calculations from the application shall be attached to a copy of this permit at the plant site.
(09/25)

3. The holder of this permit shall maintain the temperature of the liquid in Tank 2127 at 450°F or below to maintain a vapor pressure of less than or equal to 0.081 psia and Tank 1821 at 250°F or below to maintain a vapor pressure of less than or equal to 0.009 psia at actual storage conditions.

The monitor shall be calibrated or have a calibration check performed on an annual basis to meet an accuracy specification of ± 0.75 percent of the temperature being measured expressed in degrees Celsius or $\pm 2.5^\circ\text{C}$. Calibration check means, at a minimum, using a second device or method to verify that the monitor is accurate as specified in the permit. Up to 5 percent invalid monitoring data is acceptable on a rolling 12 month basis provided it is only generated when the monitor is broken down, out-of-control (producing inaccurate data); being repaired, having maintenance performed, or being calibrated. The data availability shall be calculated as the total tank operating hours for which quality assured data was recorded divided by the total tank hours in service. Invalid data generated due to other reasons is not allowed. The measurements missed shall be estimated using engineering judgement and the methods used recorded. **(09/25)**

4. Tanks are limited to storing products as shown in below table: **(09/25)**

EPN / Tank	Approved Product(s)
1247, 1248, 1250, 1251, 1252, 1254, 1663, 1698, 1699, 1904, 1945, 19272	Crude oil
1490, 1510, 1511, 1553, 1601, 1775, 1886	Gasoline
1525, 1671, 1767, 1768	Heavy Straight Run (HSR) Gasoline
1475, 1524, 1526, 1787, 1893, 1894, 2041, 21774, 21775	Aviation gas/jet
1552	Diesel gas oil / light cycle
1600, 1679, 1691, 1697, 1712, 1728, 2040, 2041, 21657	Diesel
1718	Residual oil
1719	Heavy cracked gas oil
1821, 2127	Residual oil
1885, 1895	Compression Ratio (CR) Gasoline
1913, 1415	Motor Alkylate

1920	Crude oil or Refinery petroleum fractions containing < 10% benzene (also called catalytic cracked gasoline)
1932, 1933, 1934	Gas oil
2140	MDEA
35140, 35141	Sulfuric acid

VOC Loading and Unloading Operations

5. The following shall apply to railcar and truck loading and unloading (unloading at LR4 rack only) operations:
 - A. At the LR4 loading rack all vessels to be loaded or unloaded, and at the CDTECH loading racks all vessels to be loaded, and all associated piping and connections at both racks, shall be pressure-rated (minimum 30 psig). Displaced loading vapors shall be routed to the vapor recovery system. 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 during loading operations.
 - B. At the LR39 loading rack the following shall apply:
 - (1) All loading shall be submerged and rolling 12-month rack throughput records shall be updated on a monthly basis for each product loaded.
 - (2) The permit holder shall maintain and update monthly an 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, 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 that are at or below ambient temperatures. Emissions shall be calculated using the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations," dated October 2000.
 - C. 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 during loading operations.

Operating Parameters and Conditions

6. Non-fugitive emissions from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration of greater than one weight percent are not authorized by this permit unless listed with associated individual emission limitations in the MAERT. Any releases directly to atmosphere from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration of

greater than 1 weight percent are not consistent with good practice for minimizing emissions with the exception of components listed in Attachment 1 to these conditions titled Pressure Relief Valves Exempt from Abatement.

7. This permit authorizes pilot and purge/sweep gas emissions from the CRU No. 4 Flare System (EPN ECRU4), Delayed Coking Unit 1 Flare System including SBU1 (EPN EDCU1), FCCU No. 3 Flare Stack (EPN EFCCU3), HCU No. 1 Flare Stack (EPN EHCU), HTU No. 4 Flare Stack (EPN EHTU), and VPS No. 4 Flare Stack (EPN EVPS4), and ALKY 4 Flare Stack (EPN EFCCU1&2). The flare systems shall be designed such that the combined assist natural gas and waste stream to each flare meets the requirements of 40 CFR §63.670 and §63.671. **(09/25)**
 - A. The flares 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, infrared monitor, or ultraviolet 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.
 - B. Flares shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours, demonstrated and recorded per the requirements of §63.670(h).
 - C. No process gases or waste streams shall be routed to these flares.
 - D. Hourly mass emission rates shall be determined and recorded using monitoring data collected and the emission factors specified in the permit amendment application PI-1 dated April 5, 2024.
8. Combustion sources covered under this permit shall be fired with: **(09/25)**
 - A. The ASTU Thermal Oxidizer (EPN ASTUTO) shall be fired with natural gas containing no more than three grains total sulfur per 100 dry standard cubic feet (dscf).
 - B. All flares shall be fired with natural gas containing no more than 0.5 grains of sulfur per 100 dscf for the pilot gas and fired with refinery fuel gas containing no more than 0.10 grain total sulfur expressed as hydrogen sulfide (H₂S) per 100 dscf for the purge gas and sweep gas.
 - C. All other combustion sources covered under this permit shall be fired with either sweet natural gas as defined in Title 30 Texas Administrative Code or refinery fuel gas containing no more than 0.10 grain total sulfur expressed as hydrogen sulfide (H₂S) per dry standard cubic feet (dscf) (equivalent to 160 ppmv) on a rolling three-hour basis and no more than 120 ppmv on a rolling 24-hour basis.

Additionally, the combustion sources fired with refinery fuel gas shall comply with the requirements of 40 CFR 60.104(a)(1), 60.105(a)(4), 60.106(e)(1), and 60.107(e).

The natural gas shall be sampled at least every 6 months to determine total sulfur and net heating value. Test results from the fuel supplier may be used to satisfy this requirement.
9. There shall be no visible emissions from the following facilities, except for those periods described in 30 TAC § 111.111(a):
 - Heaters; and
 - Sulfur recovery unit (SRU) incinerators

10. The NO_x emissions from heaters listed below by Emission Point No. (EPN) and Facility Identification No. (FIN) shall not exceed the following: **(02/20)**

EPN	FIN	Name/Description	(A)	(B)
SVPS2-1	VPS2ATM1HT, VPS2ATM2HT, VPS2ATM3HT, VPS2VAC1HT, and VPS2VAC2HT	VPS No. 2 Heaters – Combined Stack	287.5	0.04

- A. Maximum combined 12 month rolling average firing rate for heaters, MMBtu/hr
B. Combined NO_x emissions for heaters, lb/MMBtu – 12 month rolling average
Compliance with these limits shall be determined by CEMS.

EPN	FIN	Name/Description	(1)	(2)	(3)	(4)
SHCU1-5	SHCU1-5	HCU No. 1 Prefractionation Heater	40.0	46.7	0.0237	0.0237

- (1) Maximum annual average firing rate, MMBtu/hr
(2) Maximum firing rate, MMBtu/hr
(3) NO_x emissions, lb/MMBtu - hourly
(4) NO_x emissions, lb/MMBtu - annual

11. Process wastewater drains shall be equipped with water seals or equivalent; lift stations, manholes, junction boxes, and all other wastewater collection system components upstream of the API separator shall be equipped with either closed vent systems that route all organic vapors to control devices, or controls to prevent emission of the organic vapors to the atmosphere.

Water seals shall be checked by visual or physical inspection monthly 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. Records of these inspections and any corrective actions taken shall be maintained for a period of five years and made available to representatives of the Texas Commission on Environmental Quality upon request.

Thermal Oxidizer

12. The thermal oxidizer (EPN ASTUTO) shall achieve a VOC destruction efficiency of 99.9 percent or greater. **(09/25)**
13. The thermal oxidizer firebox exit temperature shall be maintained at not less than 1400°F while waste gas is being fed into the oxidizer prior to initial stack testing. After the initial stack test has been completed, the six minute average temperature shall be equal to, or greater than the respective hourly average maintained during the most recent satisfactory stack testing required by Special Condition No. 38. **(09/25)**

14. The thermal oxidizer exhaust temperature shall be continuously monitored and recorded when waste gas is directed to the oxidizer. 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 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 $\pm 2.5^{\circ}\text{C}$.

Quality assured (or valid) data must be generated when the thermal oxidizer 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 thermal oxidizer operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded. **(09/25)**

Piping, Valves, Connectors, Pumps, And Compressors in Contact with VOC – Intensive Directed Maintenance - 28MID

15. Except as may be provided for in the special conditions of this permit, the following requirements apply to the above-referenced equipment: **(09/25)**
 - 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 psia at 68° F, or (2) operating pressure is at least 5 kilopascals (0.725 pound per square inch [psi]) below ambient pressure. Equipment excluded from this condition shall be identified in a list to be made 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.
 - 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. Non-accessible valves, as defined by 30 TAC Chapter 115, shall be identified in a list to be made available upon request. 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 available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in Paragraph 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. No later than the next scheduled quarterly monitoring after initial installation or replacement, all new or reworked connections shall be gas-tested or hydraulically-tested at no less than normal operating pressure and adjustments 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.

- 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. 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.

An approved gas analyzer shall conform to requirements listed in 40 CFR § 60.485(a) - (b).

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 and compressors 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 and compressor seals emitting VOC shall be monitored with an approved gas analyzer at least quarterly.

- H. Damaged or leaking valves, connectors, compressor seals, and pump 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. Every reasonable effort shall be made to repair a leaking component, as specified in this paragraph, within 15 days after the leak is found. If the repair of a component would require a unit shutdown, the repair may be delayed until the next scheduled shutdown. All leaking components that 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) 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.

- I. 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.

- J. The percent of valves leaking used in paragraph I shall be determined using the following formula:

$$(VI + Vs) \times 100/Vt = Vp$$

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.

- K. The results of the required fugitive instrument monitoring and maintenance program shall be made available to the TCEQ Executive Director or designated representative upon request. Records shall indicate appropriate dates, test methods, instrument readings, 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 are not required unless a leak is detected. Records of physical inspections shall be noted in the operator's log or equivalent.
- 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 (NESHAP), and does not constitute approval of alternative standards for these regulations.

Quarterly Connector Monitoring – 28CNTQ

16. In addition to the weekly physical inspection required by Item E of Special Condition No. 15, all accessible connectors in gas or vapor and light and heavy liquid service shall be monitored quarterly with an approved gas analyzer in accordance with Items F thru J of Special Condition No. 15.

- 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.

17. Process drains shall be monitored quarterly at a leak definition of 500 ppmv and replaced or repaired in accordance with Items F and H of Special Condition No. 15. Process drains shall be designed such that repairs to leaking drains can be performed.
18. Valves in heavy liquid service shall be monitored quarterly at a leak definition of 500 ppmv and replaced or repaired in accordance with Items F and H of Special Condition No. 15.

Cooling Towers

19. The cooling towers (EPNs FKDCU1 and FKHTU5) shall be operated and monitored in accordance with the following (regarding particulate emissions):
- A. Each shall be equipped with drift eliminators having manufacturer's design assurance of 0.001% drift or less. Drift eliminators shall be maintained and inspected at least annually. The permit holder shall maintain records of all inspections and repairs.
- B. Total dissolved solids (TDS) shall not exceed 1200 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.

- C. Cooling towers shall be analyzed for particulate emissions using one of the following methods:
 - (1) Cooling water shall be sampled at least once per day for total dissolved solids (TDS); or
 - (2) TDS monitoring may be reduced to weekly if conductivity is monitored daily and TDS is calculated using a ratio of TDS-to-conductivity (in ppmw per micromhos per centimeter [$\mu\text{mho/cm}$] or ppmw/siemens). The ratio of TDS-to-conductivity shall be determined by concurrently monitoring TDS and conductivity on a weekly basis. The permit holder may use the average of two consecutive TDS-to-conductivity ratios to calculate daily TDS; or
 - (3) TDS monitoring may be reduced to quarterly if conductivity is monitored daily and TDS is calculated using a correlation factor established for each cooling tower. The correlation factor shall be the average of nine consecutive weekly TDS-to-conductivity ratios determined using C(2) above provided the highest ratio is not more than 10% larger than the smallest ratio.
 - (4) The permit holder shall validate the TDS-to-conductivity correlation factor once each calendar quarter. If the ratio of concurrently sampled TDS and conductivity is more than 10% higher or lower than the established factor, the permit holder shall increase TDS monitoring to weekly until a new correlation factor can be established.
 - D. Cooling water sampling shall be representative of the cooling tower feed water and shall be conducted using approved methods.
 - (1) The analysis method for TDS shall be EPA Method 160.1, ASTM D5907, or 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.
 - (2) The analysis method for conductivity shall be either ASTM D1125-95A (field or routine laboratory testing) or ASTM D1125-95B (continuous monitor). The analysis may be conducted at the sample site or with a calibrated process conductivity meter. If a conductivity meter is used, it shall be calibrated at least annually. Documentation of the method and any associated calibration records shall be maintained.
 - (3) Alternate sampling and analysis methods may be used to comply with D(1) and D(2) with written approval from the TCEQ Regional Director.
 - (4) 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 and the ratio or correlation of TDS to conductivity measurements, 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.
20. The cooling towers (EPNs FKCRU4, FKFCU1&2, FKFCU3, FK33PH West, FK33PH East, FKMPU4, FKHTU1&2, FKHTU3, FKMPU3, FKVPS2, and FKVPS4) shall be operated and monitored in accordance with the following:

- A. Each cooling tower shall be equipped with drift eliminators having manufacturer's design assurance of 0.005% drift or less. Drift eliminators shall be maintained and inspected at least annually. The permit holder shall maintain records of all inspections and repairs.
 - B. Total dissolved solids (TDS) shall not exceed 1200 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.
 - C. Cooling water shall be sampled at least once per week for TDS.
 - D. Cooling water sampling shall be representative of the cooling tower feed water and shall be conducted using approved methods.
 - (1) 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.
 - (2) Alternate sampling and analysis methods may be used to comply with D(1) with written approval from the TCEQ Regional Director.
 - (3) 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. Alternately, the design maximum circulation rate may be used for all calculations. Emission records shall be updated monthly.
21. Regarding VOC emissions, the cooling towers (EPNs FKCRU4, FKFCU1&2, FKFCU3, FK33PH West, FK33PH East, FKDCU1, FKMPU4, FKHTU1&2, FKHTU3, FKMPU3, FKVPS2, and FKVPS4) shall be operated and monitored in accordance with the following:
- A. The cooling tower water shall be monitored 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.
 - B. Cooling 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 planned 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.
 - C. All records shall be maintained at the plant site for a period of five years and made available to representatives of the TCEQ upon request.
22. Regarding VOC emissions, this condition applies to EPN FKHTU5 (Hydrotreater Unit No. 5 Cooling Tower).
- 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 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 two VOC monitored results. If the rolling 12-month VOC emissions exceeds the individual annual emission limit for EPN FKHTU5, a report shall be submitted to the appropriate TCEQ Regional Office within 30 days containing details as to the reasons for the exceedance.

- B. The heat exchange and cooling tower systems shall be maintained so as to minimize VOC emissions into the cooling waters. Faulty equipment shall be repaired at the earliest opportunity; however, leaking equipment shall be repaired no later than 45 days after a VOC concentration equal to or greater than 0.04 ppmw is discovered during the monthly monitoring.
- C. 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. All records shall be maintained at the plant site for a period of five years and made available to representatives of the TCEQ upon request.

Piping, Valves, Pumps, and Compressors in H₂S Service

23. In addition to the monitoring required in Special Condition Nos. 15 through 18, the following requirements shall apply to all piping, valves, pumps, and compressors with greater than one (1) weight percent H₂S: **(09/25)**
- A. Audio, olfactory, and visual checks for H₂S leaks within the operating area shall be made once each shift while the facility is operating.
 - 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.
 - (3) Commence repair or replace the leaking component.
 - (4) If the leak cannot be repaired within six hours, the holder of this permit shall use a leak collection or containment system to prevent the leak until repair or replacement can be made if immediate repair is not possible.

The date and time of each inspection shall be recorded in the operator's log or equivalent. Records shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be maintained for a period of five years and made available to representatives of the TCEQ upon request.

Piping, Valves, Pumps, and Compressors in SO₂ or NH₃ Service

24. In addition to the monitoring required in Special Condition Nos. 15 through 18, piping, valves, pumps, and compressors in SO₂ or NH₃ service are subject to the following requirements: **(09/25)**
- A. Audio, olfactory, and visual checks for SO₂ and NH₃ leaks within the SRUs, ARUs, and SWSs.
 - B. Immediately, but no later than one hour upon detection of a leak, the holder of this permit shall take one of the following actions:
 - (1) Isolate the leak.
 - (2) Commence repair or replacement of the leaking component.
 - (3) Use a leak collection or containment system to prevent the leak until repair or replacement can be made if immediate repair is not possible.
 - C. The date and time of each inspection shall be recorded in the operator's log or equivalent. Records shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be maintained at the plant site for a period of five years and made available to the TCEQ Executive Director or his designated representative upon request.

Fluidized Catalytic Cracking Unit (FCCU)

25. The following applies to the FCCU regeneration vent/vent gas stack (EPN SFCCU3-2):

- A. The maximum allowable concentration of the following pollutants in the FCCU vent gas stack (EPN SFCCU3-2) are:

Pollutant	Hourly	24-hr Avg.	Annual	Basis
CO	500 ppmv**		500 ppmv	(dry, 0% O ₂)
SO ₂	157 ppmv	50 ppmv*	25 ppmv*	(dry, 0% O ₂)
NO _x	109 ppmv	68 ppmv*	42.8 ppmv*	(dry, 0% O ₂)
VOC	15 ppmv		15 ppmv	(dry)

* These limits are required by EPA Consent Decree No. H-01-0978. The annual limits apply to rolling 365 day periods.

** Except during periods of startup, shutdown, and hot standby as allowed by 40 CFR 63.1565(a)(5)(ii).

- B. The total particulate matter (PM) emissions from the FCCU Vent Gas Stack (EPN SFCCU3-2) shall not exceed one pound per 1,000 pounds of coke burn-off. Compliance with the PM standard is determined by the parameter limits established in the most recently approved Environmental Protection Agency (EPA) Alternate Monitoring Plan (AMP).
- C. Emissions from the FCCU Vent Gas Stack (EPN SFCCU3-2) shall not exceed the following:

Pollutant	Limit in pounds per 1000 pounds coke burn-off
PM	1

Pollutant	Limit in pounds per 1000 pounds coke burn-off
HCN	0.75

Alkylation Unit

26. All waste gas streams containing sulfuric acid (H_2SO_4) shall be routed to the caustic scrubber to provide 99 percent removal of H_2SO_4 being routed to the flare. Storage tank vents, cooling tower exhaust, and process fugitive emissions are excluded from this requirement. Any other exception to this condition requires prior approval by the TCEQ Executive Director, and such exceptions may be subject to strict monitoring requirements.
27. The vents of the Spent H_2SO_4 Acid Tanks (EPNs TAL35142 and TAL35143) shall be routed through an alkaline eductor to the plant vapor recovery system.
28. Sampling ports and platform(s) shall be incorporated into the design of the outlet of the blowdown vapor stack according to the specifications set forth in the enclosure entitled "Chapter 2, Stack Sampling Facilities." Alternate sampling facility designs may be submitted for approval by the TCEQ Regional Director.
29. The caustic scrubber system solution shall be sampled at the outlet of the scrubber and analyzed for weight percent caustic daily. These records shall be maintained at the plant site for a period of five years and made available to the TCEQ Executive Director or his designated representative upon request. Caustic shall be changed out when the level concentration of caustic is 1 percent or less.

Delayed Coking Units

30. All conveyors shall be covered and water sprays shall be installed and operated as necessary at all coke product transfer points in order to control coke dust emissions to the minimum level possible under existing conditions.
31. Coke stockpiles shall be sprinkled with water and/or chemicals as necessary to control coke dust emissions to the minimum level possible under existing conditions.
32. All truck traffic hauling coke shall be on paved roads from the DCU limits to the plant property line. These roads shall be cleaned upon visible detection of coke particulate emissions.
33. The undercarriage of all coke trucks leaving the plant site shall be washed with water, and the coke load shall be covered with a canvas or similar type of covering firmly secured to reduce particulate emissions.
34. As determined by a trained observer, no visible emissions from coke handling facilities shall leave the plant property.
35. Coke product may be hauled off-site by rail, truck, or conveyor. Rail or conveyor shall be the primary mode of transportation. A water truck in operating condition shall be kept at the plant when

coke product is being hauled off-site by truck. The water truck shall be used to control fugitive dust emissions. The TCEQ Regional Office shall be notified when coke loadout operations using trucks commence.

36. The moisture of the coke in the primary coke pad shall be maintained in a visibly wet condition at a level of 8.0 percent or greater. The holder of this permit shall take samples of the coke on the conveyer system transferring coke from the coke pad to the storage silo on each day that transfers are being made and analyze the samples for moisture content and record the results. Compliance with the moisture content requirement shall be determined based on the weekly average of the moisture content measured for the various days during the calendar week.
37. The following operational restrictions apply to the delayed coking unit (EPN VDCU1)
 - A. No more than one coke drum may be opened to the atmosphere to depressurize, drain, and remove coke per hour.
 - B. No more than 1,250 drum cycles from Delayed Coker 1 (i.e., drum depressurizations to atmosphere and drum openings) may occur per year on a rolling twelve-month average.
 - C. Prior to depressurizing 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. On and after January 30, 2020, coke drums from Delayed Coker 1 shall not be depressurized and drained to atmosphere until the drum reaches a top or blowdown of 2 psig or less based on a 60 event rolling average with a 5 minute average per event. Prior to January 30, 2020, coke drums from Delayed Coker 1 shall not be depressurized and drained to atmosphere until the drum reaches a top or blowdown pressure of 15 psig or less based on a 5 minute average.
 - F. The permit holder shall maintain a record of the number of cycles for the 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.

Periodic Determination of Compliance

38. 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:

Heaters and boilers with firing rates equal to or greater than 40 MMBtu/hr (EPNs SCDHydro/SCHDS2, SDCU1-2, SFCCU3-1, SHCU1-1, SHCU1-2, SHCU1-3, SHCU1-4, SHCU1-5, SHTU2-1, SHTU2-2, SHTU3-1, SHTU3-2, SHTU4-4, SHTU-5, SMPU3-1, SMPU3-2, SMPU4, SMPU4C, SVPS2-1, SVPS2-2, SVPS4-1, SVPS4-4, SVPS4-5, SVPS4-3, SVPS4-5, SVPS4-6, and SVPS4-7), the thermal oxidizer (EPN ASTUTO), and the FCCU Regenerator (EPN SFCCU3-2).

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 Texas Commission on Environmental Quality (TCEQ) Sampling Procedures Manual and the U.S. Environmental Protection Agency (EPA) Reference Methods. **(09/25)**

- A. The appropriate TCEQ 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.
- (6) Description of any proposed deviation from sampling procedures specified in permit conditions or the TCEQ/EPA sampling procedures.
- (7) Procedure/ parameters to be used to determine worst case emissions (such as production rate, temperature for incinerators, etc. These set operating parameters to be monitored and operating limits in other permit conditions) 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 and procedures for submitting the test reports. The TCEQ Regional Director shall approve or disapprove of any deviation from specified sampling procedures. Requests to waive testing for any pollutant specified in B of this condition shall be submitted to the TCEQ Office of Air, Air Permits Division in Austin. Test waivers and alternate or equivalent procedure proposals for NSPS testing that must have the EPA approval shall be submitted to the TCEQ Regional Director.

- B. Air contaminants to be tested for include (but are not limited to) the following for the various units:
- (1) Heaters and boilers – NO_x, SO₂, and CO.
 - (2) Thermal Oxidizer – NO_x, CO, and VOC
 - (3) FCCU Regenerator – PM (both front and back-half of the sampling train), SO₂, VOC, and HCN.
- C. Each emission point subject to stack emission testing shall be tested within 180 days of receiving a request from the Executive Director. Testing shall be conducted when the facility (or facilities) directly associated with the emission point is operating at maximum emissions potential (e.g., maximum production, throughput, firing rate, etc.). Primary operating parameters that enable determination of maximum emissions potential shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the plant is unable to operate at maximum emissions potential during testing, then future operations may be limited based on the rates established during testing.

- D. Copies of the final sampling report shall be forwarded to the TCEQ within 60 days after sampling is completed. Sampling reports shall comply with provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed to the appropriate TCEQ Regional Office.
 - E. The following operating parameters shall be recorded simultaneously with each test run for HCN from the FCCU regenerator: FCCU feed rate, coke burn rate, regenerator temperature, exhaust flow, CO and O₂ concentration.
39. Attachment 6 to these conditions lists production units with charge/production rates and combustion sources associated with those units. Upon request from the TCEQ Executive Director, or when a unit in that list exceeds its listed charge/production rate by more than 15 percent in any 24-hour period, the holder of this permit shall perform stack sampling and other testing as required, in accordance with Special Condition No. 3838, to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the combustion sources listed in Attachment 6.
40. The Reformer Regeneration Vent (EPN SCR4-2) is subject to the following requirements:
- A. The vent shall be routed through a caustic scrubber prior to discharge to the atmosphere. The scrubber shall be designed to control hydrogen chloride (HCl) emissions to an outlet concentration of 10 ppmv or an overall control efficiency of 99 percent, whichever is less stringent.
 - B. The scrubbing solution shall be maintained at or above a pH of 7.0 and analyzed once daily with a pH meter.
 - C. The inlet and outlet HCl emissions shall be tested daily with an approved portable analyzer.
 - D. Records of the analytical and testing results and the actual testing methods used shall be maintained at the plant site for a period of five years and made available to the TCEQ Executive Director or his designated representative upon request.

Continuous Determination of Compliance

41. The holder of this permit shall install, calibrate, operate, and maintain CEMS to measure and record the following:
- A. The NO_x and O₂ from the No. 4 CRU Heater Stack (EPN SCR4-1) and the No. 2 Vacuum Pipe Still combined heater stack (EPN VPS2-1);
 - B. The NO_x, CO, O₂, and SO₂ from the FCCU Regenerator (EPN SFCCU3-2); and
 - C. H₂S in representative locations in the refinery fuel gas system in accordance with the fuel sulfur monitoring requirements of 40 CFR § 60.105.
42. The CEMS 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 Air, Air Permits Division for requirements to be met.

- B. Section 1 below applies to sources subject to the quality-assurance requirements of 40 CFR Part 60, Appendix F; Section 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 appropriate TCEQ Regional Manager, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Manager.
 - (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 relative accuracy test audit (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 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 pounds/hour at least once every week in accordance with Attachment 3 of these conditions, entitled "Calculation of Emission Rates from CEMS Data."
- D. All monitoring data and quality assurance data shall be maintained by the source. The data from the CEMS may, at the discretion of the TCEQ, be used to determine compliance with the conditions of this permit.
- E. The appropriate TCEQ 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 facility generating emissions 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 facility generating emissions 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 Regional Manager.

43. The holder of this permit shall install, calibrate, operate, and maintain a continuous opacity monitoring system (COMS) to measure and record the opacity from the FCCU Regenerator (EPN SFCCU3-2). An approved alternate monitoring plan for opacity pursuant to 40 CFR Part 60, Subpart J and/or 40 CFR Part 63, Subpart UUU may be used in lieu of a COMS on the FCCU Regenerator. The COMS monitoring system shall meet the following requirements:

- A. The COMS shall meet 40 CFR Part 60, Appendix B Performance Specification No 1.
 - B. The COMS shall meet the requirements of 40 CFR § 60.13. The appropriate TCEQ Regional Manager will be the administrator for alternate monitoring requests, except where the monitoring is also required by an applicable NSPS, 40 CFR Part 60 or NESHAP, 40 CFR Part 61 or 40 CFR Part 63, where EPA Region 6 remains the administrator for alternate monitoring requests. Alternate monitoring requests should be submitted to the appropriate TCEQ Regional Director and EPA Region 6, when they are the administrator, with copies to any local air pollution programs.
 - C. Monitoring data shall be recorded and maintained as specified in 40 CFR § 60.7(c), (d), (e), and (f).
 - D. The appropriate TCEQ Regional Office and any local air pollution programs shall be notified at least 30 days prior to any required initial performance evaluation.
 - E. 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 is operated over the previous rolling 12-month period.
44. Stack sampling for HCN from the FCCU regenerator (EPN SFCCU3-2) shall be performed to meet requirements of 40 CFR 63 Subpart UUU. Initial stack sampling was performed in July 2017.

Emission Compliance Recordkeeping

45. Records of all compliance testing, CEM results, process parameters (including short-term production rates, firing rates, etc.), and any other data used to demonstrate compliance with emission rate limitations shall be maintained on-site for a period of five years and made available to designated representatives of TCEQ upon request.

Emission calculations to demonstrate compliance with the annual emission rate limitations, which are on a 12-month rolling average basis, shall be performed at least once every calendar quarter. Demonstration of compliance shall be based on the emission calculation methods described below.

- A. Tanks:
 - (1) Routine emissions shall be calculated as represented in the amendment application received and February 11, 2016 November 14, 2016, associated application updates, and as specified in Special Condition No. 2, using the physical property data of the material stored and the actual tank configuration. Short-term emission rates shall be based on the maximum expected filling rate for fixed-roof tanks and the higher of the filling rate or withdrawal rate for internal and external floating roof tanks. Rolling 12-month emission rates shall be based on actual rolling 12-month throughput rates.
 - (2) Emissions from landing and refloating roofs of floating roof tanks for purposes of planned maintenance shall be calculated using API Technical Report 2567, "Evaporative Loss from Storage Tank Floating Roof Landings," dated April 2005. These emissions shall be increased as provided for by Equation No. 5 of the API report, taking into account the number of elapsed days after the tank roof is landed and until all sources of VOC vapor generation (including pools, puddles, leaking pontoons, etc.) are removed prior to refloating the roof.

- B. Loading emissions shall be calculated as described in the Special Condition No. 5 entitled VOC Loading and Unloading Operations, using the physical property data of the material loaded, rolling 12-month throughput for annual emissions, and loading rates for short-term emissions.
- C. Fugitives - Emissions shall be calculated based on component counts and corresponding emission factors consistent with TCEQ guidance as of November 15, 2006, including reduction credits consistent with the implementation of the 28VHP, 28MID, and AVO maintenance programs.
- D. Boilers/Heaters – Emissions shall be calculated based on CEM information, if required for the source. If CEM information is not available, emissions shall be calculated based on the most recent stack sampling results, if available. If no stack sampling data is available, emissions shall be calculated using the appropriate emission factor for the specific source and the measured daily heating value and average flow rate of the fuel gas.
- E. FCCU Recordkeeping
 - (1) Emissions shall be calculated based on CEM information, if required for the source. If no stack sampling results are available, use the appropriate emission factor for the specific source.
 - (2) If CEM information is not available, emissions shall be calculated based on the most recent stack sampling results for those compounds, if available.
 - (3) The holder of this permit shall record once-per-day the average coke burn-off rate and hours of operation of the FCCU catalyst regenerator. Coke burn-off rate shall be determined using the methods as specified in 40 CFR Subpart J, 60.106(b)(3).
 - (4) The permit holder shall maintain an emissions record which includes calculated emissions of HCN from the FCCU during the previous calendar month and the past consecutive 12-month period.
- F. Cooling Towers – VOC emissions shall be calculated based on actual sampling results and average quarterly recirculation rates. PM emissions shall be calculated as specified in Special Condition No. 19.E19.E or 20.E and updated monthly.
- G. Coke Handling Operations – Emissions shall be calculated based on AP-42, Chapter 13.2.4.2 (Fifth Edition), using monthly throughput rates.

Compliance Assurance Monitoring

- 46. Compliance Assurance Monitoring requirements will be met as outlined in Attachment 5 to these conditions. The following requirements also apply to capture systems for EPN SFCCU3-2 and SCR4-2.
 - A. 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.
 - B. The control devices shall not have a bypass.

- C. If any of the above inspections are not satisfactory, the permit holder shall promptly take necessary corrective action.

Federal Applicability

- 47. 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 promulgated in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60):
 - A. Subpart A, General Provisions.
 - B. Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.
 - C. Subpart J, Petroleum Refineries.
 - D. Subpart Ja, Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007. **(09/25)**
 - E. Subpart K, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978.
 - F. Subpart Ka, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984
 - G. Subpart Kb, Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984, and On or Before October 4, 2023.
 - H. Subpart GG, Stationary Gas Turbines.
 - I. Subpart VV, Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006.
 - J. Subpart GGG, 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.
 - K. Subpart QQQ, VOC Emissions From Petroleum Refinery Wastewater Systems.
- 48. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on National Emission Standards for Hazardous Air Pollutants in 40 CFR Part 61:
 - A. Subparts A, General Provisions.
 - B. Subpart M, Asbestos.
 - C. Subpart FF, Benzene Waste Operations.
- 49. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories in 40 CFR Part 63:
 - A. Subpart A, General Provisions.

- B. Subpart CC, Petroleum Refineries.
 - C. Subpart UUU, Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.
 - D. Subpart YYYY, Stationary Combustion Turbines.
 - E. Subpart DDDDD, Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters.
 - F. Subpart GGGGG, Site Remediation.
50. The limits or requirements identified below apply to the operations of the specified facilities during startup and shutdown. Emissions shall be estimated using good engineering practice and methods to provide reasonably accurate representations for emissions.

The FCCU as identified as EPN SFCCU3-2:

- A. shall not exceed 500 ppmvd CO at zero percent excess air on an hourly basis for more than ten days;
 - B. shall not exceed 300 ppmv SO₂ on an hourly basis for more than three days;
 - C. shall not exceed 25 ppmvd SO₂ at zero percent excess air on a 365-day rolling average basis for more than three days;
 - D. shall not exceed 50 ppmvd SO₂ at zero percent excess air on a 24-hour rolling average basis for more than three days;
 - E. shall not exceed 200 ppmv NO_x on an hourly average basis for more than three days;
 - F. shall not exceed 68 ppmvd NO_x at zero percent excess air on a 24-hour average basis for more than three days;
 - G. shall not exceed 42.8 ppmvd NO_x at zero percent excess air on a 365-day rolling average basis for more than three days; and
 - H. shall not exceed 1lb PM/1000 lb coke burned for more than fourteen days.
51. The FCCU "Reliability Project" (amendment application dated December 9, 2013) was determined not to be subject to major new source review. The projected actual emissions, baseline actual emissions, capable of having been accommodated (COA) emissions, and the facilities affected by the project are itemized as represented in the application update (Permitted Facilities and Emissions Summary Table; Projected Actuals, Baseline, COA) received October 29, 2014.

The permit holder shall comply with the monitoring, recordkeeping and reporting requirements of 30 TAC §116.127 with respect to the facilities identified in this paragraph. Total actual emissions from the referenced facilities shall be monitored and recorded in accordance with Title 30 of the Texas Administrative Code (30 TAC) §116.127(b).

If during any rolling 12-month period during the 60 months following the completion of the above referenced modification, the total actual emissions of any constituent identified in the referenced table exceed the difference between its major modification threshold and its authorized projected actual emissions, the permit holder shall submit a report to the Division Director, TCEQ Air Permits Division, in accordance with 30 TAC §116.127(d).

Routine Maintenance, Startup, and Shutdown

52. Maintenance activities at the following tank EPNs may not occur simultaneously, that is, only one of the below tanks may undergo maintenance at a time:

TK1524	TK1679	TK1894
TK1526	TK1712	TK21657
TK1600	TK1893	TK21774

Facilities Authorized by Reference

53. The following facilities are authorized by other permits as indicated below. These authorizations are listed here for reference purposes only. This list is not intended to be all-inclusive and can be altered at the site without modifications to this permit. **(09/25)**

Facilities	Authorization	Permit or Registration No.
Maintenance, Startup, and Shutdown	NSR 30 TAC 116 Subchapter B	6056
Waste heat boiler, Gas turbines 35 and 37, and No. 3 Power Station fugitives	Pollution Control Project Standard Permit 30 TAC 116 Subchapter F	54322
South Weir / Res 11 Engines	30 TAC 106.512	113586
HTU5 Fugitive components	30 TAC 106.261/262	147680
DCU1 Fugitive components	30 TAC 106.261/262	148261
Totes and fugitive components	30 TAC 106.261/262/472	150113
CRU4 Regen Vent Scrubber (EPN SCRU4-2)	30 TAC 106.261/262	156220
Rich Amine Tanks 1942 and 2141	Pollution Control Project Standard Permit 30 TAC 116 Subchapter F	165961
FCCU3 Regen Vent (EPN SCFFU3-2)	30 TAC 106.261	N/A
Diesel Storage Tank (EPN TK1672)	30 TAC 106.472	N/A
DCU Quench Water Tank (EPN TK2151)	30 TAC 106.472	N/A

Date: September 19, 2025

Attachment 1

Permit 8404, PSDTX1062M5, and PSDTX1534M2

Pressure Relief Valves Exempt from Abatement

UNIT	PRV NO.
VPS2	3027, 3246, 00263, 02722, 02723, 02724, 02725, 02754, 03065, 4786, 491, 6924, 09709, 09710, 09711, 09712, and 09713
VPS4	11222, 11223, 11224, 11225, 01244, 01245, 01246, 01247, 01248, and 01249
No. 27PH	12911
No. 4LR	6656
ALKY	6710, 6711, 6712, 7300, and 7301
UTILITIES	5383
CRU4	03828, 03829, 11801, and 11802
FCCU3	8269, 7998, 12339, 12342, 12344, 00609, 00636, 01870, 0287, 04269, 04270, 04272, 8121, 8123, 08087, 08115, 08119, 08150, 08184, 08185, 08186, 08729, 12034, 8277, 8271, 11837, 8116, 3192, 3193, 4271, 08001, 08003, 08004, 08005, 08008, and 08025
HTU2	5861 and 5862
MPU3	12001, 12002, 12009, 12010, 12025, 12023, 12024, 12005, 12006, 12003, 12004, 12030, 12007, 12008, 4817, 11694, 4180, 4182, and 4183
MPU4	12424, 12425, 12422, 12423, 4290, 4291, 754, 756, 12409, 12417, 12418, 12420, 12421, 3237, 4808, 6467, 5784, 5785, 11831, 12412, 12413, and 12427

Date: January 3, 2020

Attachment 2

Permit Numbers 8404, PSDTX1062M5, and PSDTX1534M2

[Reserved]

Attachment 3

Permit Numbers 8404, PSDTX1062M5, and PSDTX1534M2

Calculation of Emission Rates from CEMS Data

(1) Heaters and Boilers:

Emission Rate, lb/hr =

$$\text{ppmd} * (\text{Firing Rate, MMBtu/hr}) * \text{Cd} * \text{Fd} * [20.9 / (20.9 - \text{O}_2\%_d)]$$

where: ppm = pollutant concentration (dry) in ppm from CEMS

Firing Rate (MMBtu/hr) = firing rate determined from the measured fuel gas firing rate (scf/hr) times the fuel gas heating value (MMBtu/scf) from the most recent fuel gas sample

$$\text{Cd} (\text{NO}_x) = 1.194 \times 10^{-7} \text{ lb}/(\text{scfd} \cdot \text{ppmd})$$

$$\text{Cd} (\text{CO}) = 0.7268 \times 10^{-7} \text{ lb}/(\text{scfd} \cdot \text{ppmd})$$

$$\text{Cd} (\text{NH}_3) = 0.4413 \times 10^{-7} \text{ lb}/(\text{scfd} \cdot \text{ppmd})$$

Fd (scfd/MMBtu) = F factor as determined by 40 CFR 60, Appendix A, Method 19 or by reference to a site-specific table of Fd versus fuel gas heating value approved by the Executive Director

$\text{O}_2\%_d$ = percent oxygen (dry) from the O_2 CEMS

(2) FCCU Regenerator:

$$\text{NO}_x (\text{lb/hr}) = 265.7 \text{ lb/hr} * (\text{NO}_x \text{ ppmvd}/200 \text{ ppm}) * (\text{Coke Burn}/71,166 \text{ lb/hr})$$

$$\text{CO} (\text{lb/hr}) = 875.7 \text{ lb/hr} * (\text{CO ppmvd}/500 \text{ ppm}) * (\text{Coke Burn}/71,166 \text{ lb/hr})$$

$$\text{SO}_2 (\text{lb/hr}) = 340.0 \text{ lb/hr} * (\text{SO}_2 \text{ ppmvd}/300 \text{ ppm}) * (\text{Coke Burn}/71,166 \text{ lb/hr})$$

where: NO_x , CO, and SO_2 ppmvd = the pollutant concentration from the CEMS in ppmv (dry) at 0% O_2

Coke Burn = the daily average coke burn measured for the corresponding day in lb/hr

Upon approval of the TCEQ Executive Director, the permit holder may use alternative methods to calculate emissions in pounds per hour from the CEMS results for the sources listed above.

Date: January 3, 2020

Attachment 4

Permit Numbers 8404, PSDTX1062M5, and PSDTX1534M2

[Reserved]

Attachment 5

Permit Numbers 8404, PSDTX1062M5, and PSDTX1534M2

Compliance Assurance Monitoring

EPN	Unit Name	CAM Basis*	CAM Option
SFCCU3-2	FCCU No. 3 Regenerator	MACT UUU	Satisfies CAM requirements
SCRU4-2	Regen Vent Scrubber Emission	MACT UUU	Satisfies CAM requirements
ECRU4	CRU No. 4 , LDCU, 3 Power Station	CAM Guidance	Pilot Flame Observation with Camera
EDCU1	DCU1, SBU1 (including ARUs)	CAM Guidance	Pilot Flame Observation with Camera
EFCCU3	FCCU	CAM Guidance	Pilot Flame Observation with Camera
EHCU	LHCU (HCU1), HTU1, HTU2, HTU3, HTU5, WSGP, WAGS	CAM Guidance	Pilot Flame Observation with Camera
EHTU	HTU4	CAM Guidance	Pilot Flame Observation with Camera
EVPS4	VPS4, VPS2, MPU3	CAM Guidance	Pilot Flame Observation with Camera
EFCCU1&2	ALKY	CAM Guidance	Pilot Flame Observation with Camera

* "CAM Guidance" refers to TCEQ Compliance Assurance Monitoring Guidance Document - February 2003 - Draft.

Date: January 3, 2020

Attachment 6

Permit Numbers 8404, PSDTX1062M5, and PSDTX1534M2

Charge / Production Rate per Unit

Unit Name	Rate *	EPN	Source Name
Catalytic Reforming Unit No. 4 (CRU4)	52,000	SCRU4-1	Combined Heater Stack
Delayed Coking Unit (DCU)	65,000	SDCU1-1	Coker Heater No. 1
		SDCU1-2	Coker Heater No. 2
Fluid Catalytic Cracking Unit No. 3 (FCCU3) and CD-HDS Unit (FCC Naphtha Desulfurization)	90,000	SFCCU3-1	Charge Heater
		SFCCU3-2	CO Boiler
		SCDHydro/ CDHDS2	Charge Heater 1
		SDHydro/ SCHDS2	Charge Heater 2
Hydrocracking Unit (HCU)	25,000	SHCU1-1	No. 1 Reactor Heater
		SHCU1-2	No. 2 Reactor Heater
		SHCU1-3	Preflash Reboilers
		SHCU1-4	Fractionator Reboiler
Hydrotreating Unit No. 1 (HTU1)	20,000	N/A	N/A
Hydrotreating Unit No. 2 (HTU2)	44,000	SHTU2-1	Charge Heater
		SHTU2-2	Rerun Tower Reboiler
Hydrotreating Unit No. 3 (HTU3)	49,000	SHTU3-1	Charge Heater
		SHTU3-2	Rerun Tower Reboiler
Hydrotreating Unit No. 4 (HTU4)	42,000 ³ / 18,000 ²	SHTU4-1	Charge Heater No. 1
		SHTU4-2	Charge Heater No. 2
		SHTU4-3	Reboiler Heater
		SHTU4-4	Recycle Gas Heater
Hydrotreating Unit No. 5 (HTU5)	65,000	SHTU5	Charge Heater
Lube Catalytic Dewaxing Unit (LCDU)	16,000	SLCDU1-1	Reactor Heater
		SLCDU1-2	Charge Heater
Methyl Pyrolidone Unit No. 3 (MPU3)	29,000/ 36,000 ¹	SMPU3-1	Heater
		SMPU3-2	Heater
Methyl Pyrolidone Unit No. 4 (MPU4)	81,000	SMPU4	R. O. and Secondary Raffinate Heaters
		SMPU4C	Extract Heater
		STGTU2-1	TGTU No. 2 Incinerator
		STGTU1-2	Hot Oil Heater
		STGTU2-2	Hot Oil Heater
Vacuum Pipe Still No. 2 (VPS2)	82,000	SVPS2-1	Common Heater Stack

Unit Name	Rate *	EPN	Source Name
		SVPS2-2	Atmospheric Heater No. 4 Stack
Vacuum Pipe Still No. 4 (VPS4)**	230,000	SVPS4-1	Atmospheric C Heater
		SVPS4-2	Atmospheric A Heater
		SVPS4-3	Atmospheric B Heater
		SVPS4-4	Naphtha Reboiler
		SVPS4-5	Vacuum Heater A
		SVPS4-6	Vacuum Heater B
		SVPS4-7	Common Heater Stack

* Charge/production rate, barrels/day

** Stack sampling will be required for either SVPS4-7 (which is the combined stack) or individually for SVPS4-2, SVPS4-3, SVPS4-5, and SVPS4-6. Either sampling scenario is acceptable.

¹ Charge/Solvent Rates

² Lube Train Section

³ Gas oil throughput increased from 26,000 BPSD in amendment approved February 2001

Date: September 19, 2025

Emission Sources - Maximum Allowable Emission Rates

Permit Number 8404, PSDTX1062M5, and PSDTX1534M2

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)
VDCU1	Delayed Coking Unit 1 Vent	VOC	55.00	34.38
		PM	1.76	1.10
		PM ₁₀	1.76	1.10
		PM _{2.5}	1.76	1.10
		SO ₂	0.02	0.01
		H ₂ S	3.63	2.27
FKCRU4	CRU 4 Cooling Tower (5)	VOC	0.60	1.12
		PM	0.43	1.87
		PM ₁₀	0.33	1.45
		PM _{2.5}	0.01	0.01
FKFCCU1&2	Alky Cooling Tower (5)	VOC	1.89	3.55
		PM	1.35	5.92
		PM ₁₀	1.05	4.59
		PM _{2.5}	0.01	0.01
FKFCCU3	FCCU 3 Cooling Tower (5)	VOC	4.41	8.28
		PM	3.15	13.81
		PM ₁₀	2.45	10.72
		PM _{2.5}	0.01	0.03
FK33PH	No. 33PH East Cooling Tower (5)	VOC	0.60	1.13
		PM	0.43	1.89

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		PM ₁₀	0.33	1.46
		PM _{2.5}	0.01	0.01
FKDCU1	DCU 1 Cooling Tower (5)	VOC	0.88	1.66
		PM	0.13	0.55
		PM ₁₀	0.10	0.43
		PM _{2.5}	0.01	0.01
FK33PH	No. 33PH West Cooling Tower (5)	VOC	0.06	0.11
		PM	0.04	0.18
		PM ₁₀	0.03	0.14
		PM _{2.5}	0.01	0.01
FKMPU4	MPU No. 4 Cooling Tower (5)	VOC	0.92	1.73
		PM	0.66	2.89
		PM ₁₀	0.51	2.25
		PM _{2.5}	0.01	0.01
FKHTU1&2	HTU No. 1 and 2 Cooling Tower (5)	VOC	0.37	0.69
		PM	0.26	1.14
		PM ₁₀	0.20	0.89
		PM _{2.5}	0.01	0.01
FKHTU3	HTU No. 3 Cooling Tower (5)	VOC	0.13	0.25
		PM	0.10	0.42
		PM ₁₀	0.07	0.33
		PM _{2.5}	0.01	0.01
FKMPU3	MPU No. 3 Cooling Tower (5)	VOC	0.92	1.73
		PM	0.66	2.89

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		PM ₁₀	0.51	2.25
		PM _{2.5}	0.01	0.01
FKHTU5	HTU5 Cooling Tower (5)	VOC	0.38	0.71
		PM	0.05	0.24
		PM ₁₀	0.04	0.18
		PM _{2.5}	0.01	0.01
FKVPS2	VPS No. 2 Cooling Tower (5)	VOC	1.13	2.13
		PM	0.81	3.55
		PM ₁₀	0.63	2.76
		PM _{2.5}	0.01	0.01
FKVPS4	VPS No. 4 Cooling Tower (5)	VOC	1.36	2.55
		PM	0.97	4.25
		PM ₁₀	0.75	3.30
		PM _{2.5}	0.01	0.01
Combustion Sources				
SFCCU3-2	FCCU No. 3 Regenerator	NO _x	149.00	256.09
		VOC	20.63	90.35
		SO ₂	50.00	57.00
		CO	415.87	1,821.49
		PM	71.17	311.71
		PM ₁₀	30.00	100.00
		PM _{2.5}	30.00	80.00
		HCN	53.30	233.47
SCRU4-1	Combined Heater Stack **	NO _x	47.47	178.23

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		VOC	4.27	16.02
		SO ₂	29.47	65.84
		CO	65.16	244.63
		PM	5.90	22.13
		PM ₁₀	5.90	22.13
		PM _{2.5}	5.90	22.13
SCDHDS1	CDHDS1 Heater	NO _x	4.38	14.06
		VOC	0.39	1.26
		SO ₂	2.72	5.19
		CO	6.00	19.30
		PM	0.54	1.75
		PM ₁₀	0.54	1.75
		PM _{2.5}	0.54	1.75
SFCCU3-1	FCCU 3 Charge Heater	NO _x	9.91	25.31
		VOC	0.89	2.27
		SO ₂	6.15	9.35
		CO	13.60	34.74
		PM	1.23	3.14
		PM ₁₀	1.23	3.14
		PM _{2.5}	1.23	3.14
SHCU1-1	HCU No. 1 Reactor No.1 Heater	NO _x	4.20	15.77
		VOC	0.28	1.06
		SO ₂	1.96	4.37
		CO	4.32	16.23

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		PM	0.39	1.47
		PM ₁₀	0.39	1.47
		PM _{2.5}	0.39	1.47
SHCU1-2	HCU No. 1 Reactor No.2 Heater	NO _x	5.32	19.97
		VOC	0.36	1.35
		SO ₂	2.48	5.53
		CO	5.48	20.56
		PM	0.50	1.86
		PM ₁₀	0.50	1.86
		PM _{2.5}	0.50	1.86
SHCU1-3	HCU No. 1 Preflash Boiler	NO _x	7.19	26.98
		VOC	0.48	1.82
		SO ₂	3.35	7.48
		CO	7.40	27.77
		PM	0.67	2.51
		PM ₁₀	0.67	2.51
		PM _{2.5}	0.67	2.51
SHCU1-4	HCU No. 1 Fractionator Boiler	NO _x	7.20	31.54
		VOC	0.49	2.13
		SO ₂	3.35	8.74
		CO	7.41	32.46
		PM	0.67	2.94
		PM ₁₀	0.67	2.94
		PM _{2.5}	0.67	2.94

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
SHTU2-1	HTU No. 2 Charge Heater	NO _x	3.78	14.19
		VOC	0.34	1.28
		SO ₂	2.35	5.24
		CO	5.19	19.48
		PM	0.47	1.76
		PM ₁₀	0.47	1.76
		PM _{2.5}	0.47	1.76
SHTU2-2	HTU No. 2 Reboiler	NO _x	2.94	11.04
		VOC	0.26	0.99
		SO ₂	1.83	4.08
		CO	4.04	15.15
		PM	0.37	1.37
		PM ₁₀	0.37	1.37
		PM _{2.5}	0.37	1.37
SHTU3-1	HTU No. 3 Charge Heater	NO _x	4.21	15.79
		VOC	0.38	1.42
		SO ₂	2.61	5.83
		CO	5.77	21.68
		PM	0.52	1.96
		PM ₁₀	0.52	1.96
		PM _{2.5}	0.52	1.96
SHTU3-2	HTU No. 3 Reboiler	NO _x	4.23	14.48
		VOC	0.38	1.30
		SO ₂	2.62	5.35

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		CO	5.80	19.87
		PM	0.53	1.80
		PM ₁₀	0.53	1.80
		PM _{2.5}	0.53	1.80
SHTU4-1	CHGE Heater 1	NO _x	3.83	9.15
		VOC	0.21	0.49
		SO ₂	1.43	2.03
		CO	3.15	7.54
		PM	0.29	0.68
		PM ₁₀	0.29	0.68
		PM _{2.5}	0.29	0.68
SHTU4-2	CHGE Heater 2	NO _x	3.83	9.15
		VOC	0.21	0.49
		SO ₂	1.43	2.03
		CO	3.15	7.54
		PM	0.29	0.68
		PM ₁₀	0.29	0.68
		PM _{2.5}	0.29	0.68
SHTU4-3	Reboiler Heater	NO _x	2.33	6.66
		VOC	0.16	0.45
		SO ₂	1.09	1.84
		CO	2.40	6.85
		PM	0.22	0.62
		PM ₁₀	0.22	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)
		PM _{2.5}	0.22	0.62
SHTU4-4	Recycle Gas Heater	NO _x	8.22	28.17
		VOC	0.55	1.90
		SO ₂	3.83	7.81
		CO	8.46	29.00
		PM	0.77	2.62
		PM ₁₀	0.77	2.62
		PM _{2.5}	0.77	2.62
SHTU5	HTU5 Heater	NO _x	2.46	9.22
		VOC	0.38	1.42
		SO ₂	2.61	5.84
		CO	2.56	9.62
		PM	0.53	1.98
		PM ₁₀	0.53	1.98
		PM _{2.5}	0.53	1.98
SLCDU1-1	LCDU Reactor Heater	NO _x	2.12	7.28
		VOC	0.19	0.65
		SO ₂	1.32	2.69
		CO	2.91	9.99
		PM	0.26	0.90
		PM ₁₀	0.26	0.90
		PM _{2.5}	0.26	0.90
SLCDU1-2	LCDU Charge Heater	NO _x	2.59	9.72
		VOC	0.23	0.87

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	1.61	3.59
		CO	3.55	13.35
		PM	0.32	1.21
		PM ₁₀	0.32	1.21
		PM _{2.5}	0.32	1.21
SMPU3-1	MPU Refined Oil Mix Heater	NO _x	3.31	12.61
		VOC	0.22	0.85
		SO ₂	1.54	3.49
		CO	3.41	12.99
		PM	0.31	1.17
		PM ₁₀	0.31	1.17
		PM _{2.5}	0.31	1.17
SMPU3-2	MPU No. 3 Extract Heater	NO _x	8.94	34.02
		VOC	0.60	2.29
		SO ₂	4.16	9.43
		CO	9.20	35.02
		PM	0.83	3.17
		PM ₁₀	0.83	3.17
		PM _{2.5}	0.83	3.17
SMPU4	MPU 4 Secondary Heater Stack	NO _x	4.24	16.57
		VOC	0.29	1.12
		SO ₂	1.97	4.59
		CO	4.36	17.06
		PM	0.39	1.54

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		PM ₁₀	0.39	1.54
		PM _{2.5}	0.39	1.54
SMPU4C	MPU No 4 Extract Heater	NO _x	9.07	39.74
		VOC	0.61	2.68
		SO ₂	4.22	11.01
		CO	9.34	40.90
		PM	0.84	3.70
		PM ₁₀	0.84	3.70
		PM _{2.5}	0.84	3.70
SCDHydro/SCHDS2	CDHydro/CDHDS2 Heater	NO _x	3.67	13.05
		VOC	0.50	1.76
		SO ₂	3.42	7.23
		CO	7.56	26.87
		PM	0.68	2.43
		PM ₁₀	0.68	2.43
		PM _{2.5}	0.68	2.43
SHCU1-5	HCU No. 1 Prefractionator Heater	NO _x	1.13	4.10
		VOC	0.25	0.94
		SO ₂	1.74	3.88
		CO	3.84	14.43
		PM	0.35	1.31
		PM ₁₀	0.35	1.31
		PM _{2.5}	0.35	1.31
SDCU1-1	Coker Heater No.1	NO _x	17.56	65.42

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		VOC	1.18	4.41
		SO ₂	8.17	18.12
		CO	18.07	67.34
		PM	1.64	6.09
		PM ₁₀	1.64	6.09
		PM _{2.5}	1.64	6.09
SDCU1-2	Coker Heater No.2	NO _x	17.56	65.42
		VOC	1.18	4.41
		SO ₂	8.17	18.12
		CO	18.07	67.34
		PM	1.64	6.09
		PM ₁₀	1.64	6.09
		PM _{2.5}	1.64	6.09
SHTU3-3	HTU No.3 Hydrogen Heater	NO _x	0.70	2.63
		VOC	0.13	0.47
		SO ₂	0.87	1.94
		CO	1.92	7.21
		PM	0.17	0.65
		PM ₁₀	0.17	0.65
		PM _{2.5}	0.17	0.65
SVPS2-1	VPS No.2 Common Heater Stack ***	NO _x	13.52	50.37
		VOC	1.82	6.79
		SO ₂	12.59	27.91
		CO	27.84	103.70

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		PM	2.52	9.38
		PM ₁₀	2.52	9.38
		PM _{2.5}	2.52	9.38
SVPS2-2	VPS No. 2, No. 4 Atmospheric Heater	NO _x	2.80	10.51
		VOC	0.38	1.42
		SO ₂	2.61	5.82
		CO	5.76	21.64
		PM	0.52	1.96
		PM ₁₀	0.52	1.96
		PM _{2.5}	0.52	1.96
SVPS4-1	VPS No. 4, No. 3 Atmospheric Heater	NO _x	8.40	36.79
		VOC	0.75	3.31
		SO ₂	5.22	13.59
		CO	11.53	50.50
		PM	1.04	4.57
		PM ₁₀	1.04	4.57
		PM _{2.5}	1.04	4.57
SVPS4-4	VPS No. 4 Naphtha Splitter Reboiler	NO _x	3.48	15.24
		VOC	0.31	1.37
		SO ₂	2.16	5.63
		CO	4.78	20.92
		PM	0.43	1.89
		PM ₁₀	0.43	1.89
		PM _{2.5}	0.43	1.89

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
SVPS4-2	Atmospheric Heater No. 1	NO _x	10.50	---
		VOC	0.94	---
		SO ₂	6.52	---
		CO	14.41	---
		PM	1.30	---
		PM ₁₀	1.30	---
		PM _{2.5}	1.30	---
SVPS4-3	Atmospheric Heater No. 2	NO _x	10.50	---
		VOC	0.94	---
		SO ₂	6.52	---
		CO	14.41	---
		PM	1.30	---
		PM ₁₀	1.30	---
		PM _{2.5}	1.30	---
SVPS4-5	Vacuum Heater No. 1	NO _x	8.70	---
		VOC	0.78	---
		SO ₂	5.40	---
		CO	11.94	---
		PM	1.08	---
		PM ₁₀	1.08	---
		PM _{2.5}	1.08	---

Emission Sources - Maximum Allowable Emission Rates

SVPS4-6	Vacuum Heater No. 2	NO _x	8.70	---
		VOC	0.78	---
		SO ₂	5.40	---
		CO	11.94	---
		PM	1.08	---
		PM ₁₀	1.08	---
		PM _{2.5}	1.08	---
SVPS4-7	Combined Heater Stack (7)	NO _x	39.36	165.80
		VOC	3.54	15.49
		SO ₂	24.44	63.68
		CO	54.02	236.62
		PM	4.89	21.41
		PM ₁₀	4.89	21.41
		PM _{2.5}	4.89	21.41
ASTUTO	ASTU Thermal Oxidizer	VOC	0.13	0.34
		NO _x	1.32	3.47
		CO	0.89	2.33
		SO ₂	0.07	0.17
		PM	0.18	0.47
		PM ₁₀	0.18	0.47
		PM _{2.5}	0.18	0.47
Loading Operations				
FLR39	Loading Rack No. 39	VOC	0.44	0.34
Storage Tanks				
TAL35140	Fresh Sulfuric Acid Tank	H ₂ SO ₄	0.29	0.01
TAL35141	Fresh Sulfuric Acid Tank	H ₂ SO ₄	0.29	0.01

Emission Sources - Maximum Allowable Emission Rates

TST01415	Storage Tank No. 1415	VOC	1.55	2.65
TST01691	Storage Tank No. 1691	VOC	6.44	3.64
TST01728	Storage Tank No. 1728	VOC	0.11	0.24
Tanks within the Tank Group emissions cap EPN TNKGRP2				
TML01247	Storage Tank No. 1247	VOC	5.62	--
TML01248	Storage Tank No. 1248	VOC	6.78	--
TML01250	Storage Tank No. 1250	VOC	6.19	--
TML01251	Storage Tank No. 1251	VOC	6.16	--
TML01252	Storage Tank No. 1252	VOC	6.81	--
TML01254	Storage Tank No. 1254	VOC	6.40	--
TST01475	Storage Tank No. 1475	VOC	0.98	--
TML01490	Storage Tank No. 1490	VOC	2.08	--
TST01510	Storage Tank No. 1510	VOC	1.94	--
TST01511	Storage Tank No. 1511	VOC	2.40	--
TML01524	Storage Tank No. 1524	VOC	7.37	--
TML01525	Storage Tank No. 1525	VOC	2.18	--
TML01526	Storage Tank No. 1526	VOC	11.16	--
TST01552	Storage Tank No. 1552	VOC	0.83	--
TST01553	Storage Tank No. 1553	VOC	1.96	--
TST01600	Storage Tank No. 1600	VOC	4.11	--
TST01601	Storage Tank No. 1601	VOC	2.11	--
TML01663	Storage Tank No. 1663	VOC	7.61	--
TST01671	Storage Tank No. 1671	VOC	1.49	--
TST01679	Storage Tank No. 1679	VOC	7.03	--
TML01698	Storage Tank No. 1698	VOC	5.67	--
TML01699	Storage Tank No. 1699	VOC	5.67	--

Emission Sources - Maximum Allowable Emission Rates

TST01712	Storage Tank No. 1712	VOC	5.36	--
TST01718	Storage Tank No. 1718	VOC	2.09	--
TST01719	Storage Tank No. 1719	VOC	23.00	--
TML01767	Storage Tank No. 1767	VOC	3.23	--
TML01768	Storage Tank No. 1768	VOC	3.19	--
TST01775	Storage Tank No.1775	VOC	1.67	--
TST01787	Storage Tank No. 1787	VOC	1.15	--
TVA01821	Storage Tank No. 1821 (FIN TK 1821)	VOC	3.32	--
TST01885	Storage Tank No. 1885	VOC	1.54	--
TST01886	Storage Tank No. 1886	VOC	1.78	--
TST01893	Storage Tank No. 1893	VOC	9.83	--
TST01894	Storage Tank No. 1894	VOC	7.31	--
TST01895	Storage Tank No. 1895	VOC	1.55	--
TML01904	Storage Tank No. 1904	VOC	6.45	--
TST01913	Storage Tank No. 1913	VOC	0.94	--
TST01920	Storage Tank No. 1920	VOC	2.13	--
TST01932	Storage Tank No. 1932	VOC	5.64	--
TST01933	Storage Tank No. 1933	VOC	5.64	--
TST01934	Storage Tank No. 1934	VOC	5.64	--
TK1945	Storage Tank No. 1945	VOC	2.93	--
TK2040	Storage Tank No. 2040	VOC	2.93	--
TK2041	Tank 2041	VOC	11.43	--
TK2127	Storage Tank 2127	VOC	31.73	--
TK2140	Storage Tank 2140	VOC	0.02	--
TML19272	Storage Tank No. 19272	VOC	5.70	--
TST21657	Storage Tank No. 21657	VOC	9.38	--

Emission Sources - Maximum Allowable Emission Rates

TST21774	Storage Tank No. 21774	VOC	7.74	--
TST21775	Storage Tank No. 21775 (FIN TK 21775)	VOC	7.74	--
TNKGRP2	Tank Group Emissions Cap (6)	VOC	273.61	221.46
Vents				
SCRU4-2	Regen Vent Scrubber Emissions	NO _x	1.01	4.44
		SO ₂	0.70	3.10
		PM	0.06	0.28
		PM ₁₀	0.06	0.28
		PM _{2.5}	0.06	0.28
		HCl	0.06	0.26
		Chlorine	0.01	0.05
SVVMPU3-3	MPU No. 3 Vacuum System Emissions	VOC	1.50	6.60
Fugitive Emissions				
CAS	CAS Fugitive Emissions (5)	VOC	0.07	0.30
FLHCU	Lube Hydrocracker 1 Fugitives (5)	VOC	0.27	1.17
FHTU5	HTU5 Fugitive Emissions (5)	VOC	3.96	17.33
		H ₂ S	0.07	0.30
		NH ₃	0.01	0.01
FCOKE1	Delayed Coking Unit Coke Handling Fugitives (5)	PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
FALKY4	ALKY 4 Fugitive Emissions (5)	VOC	7.80	32.61
FASTU2	WW Collection Oil Recovery (5)	VOC	2.90	12.70
FBOTF	BOTF Fugitive Emissions (5)	VOC	0.28	1.22
FBSW	Bottoms, Solids, Water Tanks Farm Fugitives (5)	VOC	0.57	2.48

Emission Sources - Maximum Allowable Emission Rates

FCDHDS1	CDHDS1 Fugitive Emissions (5)	VOC	1.98	8.70
		H ₂ S	0.05	0.22
FCDHDS2	CDHDS2 Fugitive Emissions (5)	VOC	3.24	14.18
		H ₂ S	0.10	0.45
FCGHT	CGHT Fugitive Emissions (5)	VOC	0.01	0.01
FCRU4	CRU No. 4 Fugitive Emissions (5)	VOC	5.20	22.91
		H ₂ S	0.06	0.27
FDCU1	DCU 1 Fugitive Emissions (5)	VOC	7.71	33.81
		H ₂ S	0.16	0.66
		NH ₃	0.01	0.01
FFCCU3	FCCU No. 3 Fugitive Emissions (5)	VOC	7.32	32.07
		H ₂ S	0.09	0.36
		MDEA	0.22	0.97
FGR-1	Flare Gas Recovery Fugitive Emissions (5)	VOC	0.93	4.04
		H ₂ S	0.16	0.69
FGR-2	Flare Gas Recovery Fugitive Emissions (5)	VOC	1.07	4.67
		H ₂ S	0.16	0.70
FHCU1	HCU No. 1 Fugitive Emissions (5)	VOC	4.48	19.56
		H ₂ S	0.09	0.33
		NH ₃	0.01	0.02
FHTU1	HTU No. 1 Fugitive Emissions (5)	VOC	1.62	7.11
FHTU2	HTU No. 2 Fugitive Emissions (5)	VOC	1.74	7.61
		H ₂ S	0.04	0.14
FHTU3	HTU No. 3 Fugitive Emissions (5)	VOC	4.20	18.41
		H ₂ S	0.07	0.32
FHTU4	HTU No. 4 Fugitive Emissions (5)	VOC	4.90	21.45

Emission Sources - Maximum Allowable Emission Rates

		H ₂ S	0.14	0.63
FLCDU	LCDU Fugitive Emissions (5)	VOC	0.73	3.23
		H ₂ S	0.01	0.04
FLF	PAP Landfill	VOC	0.01	0.01
FLR43/44FE	Loading Rack Fugitive Emissions (5)	VOC	0.08	0.36
FMPU3	MPU No. 3 Fugitive Emissions (5)	VOC	0.81	3.52
FMPU4	MPU No. 4 Fugitive Emissions (5)	VOC	0.59	2.61
FNSGP	North Side Gas Plant Fugitive Emissions (5)	VOC	1.44	6.30
		H ₂ S	0.07	0.29
FPH27	Pump House No. 27 Fugitive Emissions (5)	VOC	9.26	40.55
FPH57	Pump House No. 57 Fugitive Emissions (5)	VOC	2.88	12.60
FSCTLA	Lift Station Fugitives (5)	VOC	0.08	0.33
FU-Rack4	Loading Rack No. 4 Fugitive Emissions (5)	VOC	0.11	0.52
FVPS2	VPS No. 2 Fugitive Emissions (5)	VOC	3.74	16.37
		H ₂ S	0.02	0.10
FVPS4	VPS No. 4 Fugitive Emissions (5)	VOC	6.05	26.51
		H ₂ S	0.04	0.17
FWAGS	Wet Acid Gas Scrubber Fugitive Emissions (5)	VOC	0.51	2.22
		H ₂ S	0.05	0.21
FWSGP	WSGP Fugitive Emissions (5)	VOC	0.07	0.26
FSPS3	FSPS3 Fugitive Emissions (5)	VOC	0.02	0.02
FTK2127	FTK2127 Fugitive Emissions (5)	VOC	0.43	1.86
FASTUTO	ASTU Thermal Oxidizer Fugitives (5)	VOC	0.07	0.30
PSAMP	Propylene Sampling in FCCU3	VOC	3.89	0.39
EFCCU3	FCCU No. 3 Flare Stack Pilots	NO _x	0.04	0.19
		CO	0.31	1.34

Emission Sources - Maximum Allowable Emission Rates

		SO ₂	0.01	0.01
		VOC	0.01	0.03
EHCU	HCU No. 1 Flare Stack Pilots	NO _x	0.20	0.87
		CO	1.44	6.30
		SO ₂	0.01	0.01
		VOC	0.03	0.10
EHTU	HTU No. 4 Flare Stack Pilots	NO _x	0.03	0.12
		CO	0.20	0.86
		SO ₂	0.01	0.01
		VOC	0.01	0.02
EVPS4	VPS No. 4 Flare Stack Pilots	NO _x	0.02	0.07
		CO	0.12	0.53
		SO ₂	0.01	0.01
		VOC	0.01	0.01
ECRU4	CRU No. 4 Flare Stack Pilots	NO _x	0.02	0.06
		CO	0.10	0.42
		SO ₂	0.01	0.01
		VOC	0.01	0.01
EDCU1	Delayed Coking Unit No. 1 Flare Stack Pilots	NO _x	0.08	0.33
		CO	0.55	2.39
		SO ₂	0.01	0.01
		VOC	0.02	0.04
EFCCU1&2	ALKY 4 Flare Stack Pilots	NO _x	0.04	0.19
		CO	0.31	1.34
		SO ₂	0.01	0.01
		VOC	0.01	0.03

Emission Sources - Maximum Allowable Emission Rates

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
 - (2) Specific point source name. 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
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
CO - carbon monoxide
H₂S - hydrogen sulfide
H₂SO₄ - sulfuric acid
HCl - hydrogen chloride
HCN - hydrogen cyanide
MDEA - methyldiethanolamine
NH₃ - ammonia
 - (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
 - (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
 - (6) Refer to MAERT ATTACHMENT – TANK GROUP for the specific EPNs, Facility Identification Numbers, and source names included in this group.
 - (7) The atmospheric and vacuum heaters (FINS VPS4ATM1HT, VPS4ATM2HT, VPS4VAC1HT, and VPS4VAC2HT) may exhaust through this common stack.
- ** The FINS included in EPN SCRU4-1 are CRU4DPREB, CRU4INTHT1, CRU4INTHT2, CRU4NHTCHT, CRU4PLATHT, and CRU4SRBL.
- *** The FINS included in EPN SVPS2-1 are VPS2ATM1HT, VPS2ATM2HT, VPS2ATM3HT, VPS2VAC1HT, and VPS2VAC2HT.

Date: September 19, 2025

MAERT Attachment - Tank Group

Permit 8404, PSDTX1062M5, and PSDTX1534M2

Emission Point Numbers and Source Names

This table lists the emission point numbers, facility identification numbers, and source names for all facilities included in the tank emissions group Tank Group (EPN TNKGRP2).

FIN	EPN	EPN Description
TK 1247	TML01247	Storage Tank No. 1247
TK 1248	TML01248	Storage Tank No. 1248
TK 1250	TML01250	Storage Tank No. 1250
TK 1251	TML01251	Storage Tank No. 1251
TK 1252	TML01252	Storage Tank No. 1252
TK 1254	TML01254	Storage Tank No. 1254
TK 1475	TST01475	Storage Tank No. 1475
TK 1490	TML01490	Storage Tank No. 1490
TK 1510	TST01510	Storage Tank No. 1510
TK 1511	TST01511	Storage Tank No. 1511
TK 1524	TML01524	Storage Tank No. 1524
TK 1525	TML01525	Storage Tank No. 1525
TK 1526	TML01526	Storage Tank No. 1526
TK 1552	TST01552	Storage Tank No. 1552
TK 1553	TST01553	Storage Tank No. 1553
TK 1600	TST01600	Storage Tank No. 1600
TK 1601	TST01601	Storage Tank No. 1601
TK 1663	TML01663	Storage Tank No. 1663
TK 1671	TST01671	Storage Tank No. 1671
TK 1679	TST01679	Storage Tank No. 1679
TK 1698	TML01698	Storage Tank No. 1698
TK 1699	TML01699	Storage Tank No. 1699
TK 1712	TST01712	Storage Tank No. 1712
TK 1718	TST01718	Storage Tank No. 1718
TK 1719	TST01719	Storage Tank No. 1719

FIN	EPN	EPN Description
TK 1767	TML01767	Storage Tank No. 1767
TK 1768	TML01768	Storage Tank No. 1768
TK 1775	TST01775	Storage Tank No. 1775
TK 1787	TST01787	Storage Tank No. 1787
TK 1821	TVA01821	Storage Tank No. 1821
TK 1885	TST01885	Storage Tank No. 1885
TK 1886	TST01886	Storage Tank No. 1886
TK 1893	TST01893	Storage Tank No. 1893
TK 1894	TST01894	Storage Tank No. 1894
TK 1895	TST01895	Storage Tank No. 1895
TK 1904	TML01904	Storage Tank No. 1904
TK 1913	TST01913	Storage Tank No. 1913
TK 1920	TST01920	Storage Tank No. 1920
TK 1932	TST01932	Storage Tank No. 1932
TK 1933	TST01933	Storage Tank No. 1933
TK 1934	TST01934	Storage Tank No. 1934
TK 1945	TK1945	Storage Tank No. 1945
TK 2040	TK2040	Storage Tank No. 2040
TK 2041	TK2041	Storage Tank No. 2041
TK 2127	TK2127	Storage Tank No. 2127
TK 2140	TK2140	Storage Tank No. 2140
TK 19272	TML19272	Storage Tank No. 19272
TK 21657	TST21657	Storage Tank No. 21657
TK 21774	TST21774	Storage Tank No. 21774
TK 21775	TST21775	Storage Tank No. 21775

Date: September 19, 2025



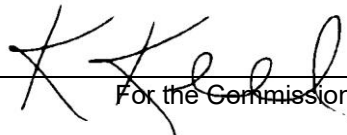
Texas Commission on Environmental Quality Air Quality Permit

A Permit Is Hereby Issued To
Motiva Enterprises LLC
Authorizing the Continued Operation of
Port Arthur Refinery
Located at Port Arthur, Jefferson County, Texas
Latitude 29.883333 Longitude -93.958333

Permit: 56287 and PSDTX1404

Issuance Date: February 25, 2025

Expiration Date: February 25, 2035


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 56287 and PSDTX1404

FUEL STANDARDS AND OPERATING SPECIFICATIONS

1. This permit authorizes emissions only from those emission points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," (MAERT) and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit. Also, this permit authorizes the emissions from planned maintenance, startup, and shutdown (MSS).
2. Gas Turbine No. 34 and Waste Heat Boiler No. 36 may fire:
 - A. Natural gas,
 - B. Refinery fuel gas, or
 - C. Any combination of the above fuels.
3. Fuel fired in the Gas Turbine No. 34 and Waste Heat Boiler No. 36 shall contain no more than 10 grains (gr) total sulfur per 100 dry standard cubic feet (dscf) (160 parts per million [ppm]) on an hourly basis and 0.25 gr total sulfur per 100 dscf (4 ppm) on an annual basis.
4. Emissions from each stack and operating scenario are limited as follows:
 - A. Emissions of nitrogen oxides (NO_x) from the Emission Point Number (EPN) GT 34 when only Gas Turbine No. 34 is operating shall not exceed 25 parts per millions by volume, dry at 15 percent oxygen (O₂) on a one-hour average. This limitation does not apply during planned MSS.
 - B. Emissions of NO_x from EPN SPS3-7 when both Gas Turbine No. 34 and Waste Heat Boiler No. 36 are operating shall not exceed the attached MAERT. This limitation does not apply during planned MSS.
5. The permit holder is authorized to add controls to Gas Turbine No. 34 and Waste Heat Boiler No. 36 in order to satisfy Special Condition No. 4.
6. Opacity of emissions from any one stack authorized by this permit shall not exceed five percent averaged over a six-minute period from each stack, except during planned MSS where it shall not exceed 15 percent. This determination shall be made by first observing for visible emissions while each facility is in operation. Observations shall be made at least 15 feet and no more than 0.25 miles from the emission point(s). Up to three emissions points may be read concurrently, provided that all three emission points are within a 70 degree viewing sector or angle in front of the observer such that the proper sun position (at the observer's back) can be maintained for all three emission points.

If visible emissions are observed from an emission point, then the opacity shall be determined and documented within 24 hours for that emission point using Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Instead of determining opacity as described above, the permit holder may choose to consider any observed visible emissions a violation of the opacity limit and record it as such. Observations shall be performed and recorded quarterly. If the opacity exceeds five percent or 15 percent, as applicable, corrective action to eliminate the source of visible emissions shall be taken promptly and documented within one week of first observation.

PLANNED MAINTENANCE, START-UP AND SHUTDOWN

7. Gas Turbine No. 34 is limited to operation at 70 percent of full load or higher during normal operations. Operation below 70 percent is limited to planned MSS and stack testing to establish proposed short term (hourly) emission limits associated with startup and shutdown conditions. Gas Turbine No. 34 can exceed its otherwise applicable hourly emissions limits during such stack testing. Gas Turbine No. 34 and Waste Heat Boiler No. 36 are each limited to 12 hours per event.
8. Emissions from planned MSS activities are subject to the planned MSS emission rates identified in the attached MAERT. Any planned MSS activities which occur at loads greater than 70 percent full load for Gas Turbine No. 34 are not authorized by this permit.
9. The following planned MSS activities to be conducted on Gas Turbine No. 34 and Waste Heat Boiler No. 36 are authorized by this permit:
 - A. Start-up and shutdown,
 - B. Refractory curing and
 - C. Calibration, meter proving and maintenance of process instrumentation.

Duration and frequency of planned MSS activities noted above are limited as noted in the permit amendment application received by the TCEQ in November, 2007, and September 2013 and subsequent submittals. Maintenance activities may also be authorized under 30 TAC Chapter 106.

INITIAL DETERMINATION OF COMPLIANCE

10. Sampling ports and platforms shall be incorporated into the design of all exhaust stacks according to the specifications set forth in the Texas Commission on Environmental Quality (TCEQ) publication entitled "Chapter 2, Stack Sampling Facilities." Alternate sampling facility designs may be submitted for approval by the TCEQ Regional Director.
11. The holder of this permit shall perform stack sampling and other testing as required to establish the actual quantities of air contaminants being emitted into the atmosphere from the source authorized under this permit. Sampling shall be conducted in accordance with the appropriate procedures of the TCEQ Sampling Procedures Manual and in accordance with Reference Method 20 for the concentrations of NO_x and O₂; Reference Method 10 for the concentration of carbon monoxide (CO); Reference Method 25A, modified to exclude methane and ethane, for the concentration of volatile organic compounds (VOC) [to measure total carbon as propane]; or other equivalent methods approved by the TCEQ Regional Director.

The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense.

- 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.
- (6) Procedure used to determine turbine loads during and after 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 submitting the test reports. A written proposed description of any deviation from sampling procedures specified in permit conditions, or TCEQ or the EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Director shall approve or disapprove of any deviation from specified sampling procedures. Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Air. Test waivers and alternate/equivalent procedure proposals for New Source Performance Standards testing which must have EPA approval shall be submitted to the EPA Region 6 and copied to the TCEQ Regional Office.

- B. Emissions of NO_x, CO, and VOC from the CTG with EPN SPS3-7 shall be sampled and analyzed while firing at the top and low range of full load conditions under normal operating conditions.
- C. Sampling shall occur no later than 180 days following a change in the method of operations, change in fuel or installation of controls.
- D. Within 60 days after the completion of the testing and sampling required herein, the sampling reports shall be distributed as follows:

One copy to the TCEQ Beaumont Regional Office.

CONTINUOUS DETERMINATION OF COMPLIANCE

- 12. The holder of this permit shall additionally install, calibrate, maintain, and operate a continuous water-to-fuel ratio monitoring system to monitor and record the average hourly ratio of injection water to fuel fired in the turbine. The system shall be accurate to ± 5.0 percent. The system shall be calibrated by means of the initial compliance demonstration required by Special Condition No. 11.

Compliance with the hourly NO_x emissions shall be demonstrated by maintaining a water-to-fuel ratio greater than or equal to 1 during normal operations according to the following equation:

$$\text{Hourly Actual Steam Injection Rate} / \text{Hourly Required Steam Injection Rate} + 0.05 \geq 1$$

(06/18)

- 13. After the demonstration of initial compliance required in Special Condition No. 11, the water-to-fuel ratio monitoring required in Special Condition No. 12 shall constitute the method for demonstrating continuous compliance with Special Condition No. 4A.
- 14. The holder of this permit shall additionally install, calibrate, maintain, and operate a continuous monitoring system to monitor and record the average hourly natural gas and fuel gas consumption of the CTG and Waste Heat Boiler. The system shall be accurate to ± 5.0 percent of the unit's maximum flow.

15. Upon request by the Executive Director of the TCEQ or any local air pollution control program having jurisdiction, the holder of this permit shall provide a sample and/or an analysis of the fuel fired in the CTG, or shall allow air pollution control agency representatives to obtain a sample for analysis.

RECORDKEEPING REQUIREMENTS

16. The following records shall be kept at the plant for the life of the permit. All records required in this permit shall be made available at the request of personnel from the TCEQ, EPA, or any air pollution control agency with jurisdiction.
 - A. A copy of this permit.
 - B. A complete copy of the testing reports and records of the initial performance testing completed pursuant to Special Condition No. 12 to demonstrate initial compliance.
 - C. Stack sampling results or other air emissions testing (other than CEMS data) that may be conducted on units authorized under this permit after the date of issuance of this permit.
17. The following information shall be maintained by the holder of this permit in a form suitable for inspection for a period of five years after collection and shall be made immediately available upon request to representatives of the TCEQ, EPA, or any local air pollution control program having jurisdiction:
 - A. Records of the hours of operation, including instances of malfunction;
 - B. Records of the water-to-fuel ratio to demonstrate compliance with Special Condition No. 12;
 - C. Records of natural gas and fuel gas consumption in compliance with Special Condition No. 14;
 - D. Records to demonstrate compliance with fuel sulfur content pursuant to Special Condition No. 3; and
 - E. Records of visible emissions and opacity observations and any corrective actions taken pursuant to Special Condition No. 6.
18. Each planned MSS activity performed and associated emissions shall be recorded and the rolling 12-month emissions from planned MSS emissions updated, in pounds per hour, on a monthly basis. These records shall include the following information:
 - A. The physical location at which the planned MSS activity occurred, including the emission point number, common name and any other identifier for the point at which the emissions were released into the atmosphere;
 - B. The type of planned MSS and the reason for the activity;
 - C. The date and time of the planned MSS and its duration;
 - D. The estimated quantity of each air contaminant or mixture of air contaminants emitted with the data and methods used to determine such quantities and contaminants. Emissions shall be estimated using the methods identified in the permit application received by TCEQ in November 2007, as amended; and

- E. Measures taken to minimize emissions from planned MSS activities and the use of any control devices not permanently used for emission reductions for the facility.
19. Motiva shall submit an application to incorporate Standard Permit Registration No. 54322 into this Permit no later than March 15, 2016. Submitting an application to incorporate the Standard Permit into Permit No. 6056 or Permit No. 8404 by March 15, 2016 also satisfies the requirements of this condition.

Date: June 1, 2018

ATTACHMENT 1

Permit Numbers 56287 and PSDTX1404
Calculation of Emission Rates for EPN SPS3-7

PM/PM₁₀/PM_{2.5} emission calculation for SPS3-7:

Emission Rate PM/PM₁₀/PM_{2.5} (lb/hr) = Fuel flow rate (scf/hr) * Fuel Gas BTU content (MMBtu/scf) *
Emission Factor (lb/MMBtu)

NO_x emission calculation for SPS3-7:

Emission Rate NO_x (lb/hr) = Fuel flow rate (scf/hr) * Fuel Gas BTU content (MMBtu/scf) * Emission Factor
(lb/MMBtu)

Where:

Fuel flow rate is monitored;

Fuel Gas BTU is sampled and/or monitored;

PM Emission Factor is from AP-42, Fifth Edition Compilation of Air Pollutant Emissions Factors, Volume
1: Stationary Point and Area Sources Chapter 1

NO_x Emission Factor is established from Stack Testing. (06/18)

Date: June 1, 2018

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 56287 and PSDTX1404

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 (4)	TPY (5)
GT 34	Gas Turbine No. 34 15 MW Bypass Mode	NO _x	31.77	-
		NO _x (MSS)	74.50	-
		CO	8.49	-
		CO (MSS)	375.28	-
		VOC	0.59	-
		VOC (MSS)	6.25	-
		SO ₂	7.29	-
		PM	1.87	-
		PM ₁₀	1.87	-
		PM _{2.5}	1.87	-
SPS3-7	Waste Heater Boiler No. 36 100 MMBtu/hr	NO _x	11.00	-
		CO	5.00	-
	Gas Turbine No. 34 is not operating	CO (MSS)	10.00	-
		VOC	0.53	-
		SO ₂	2.61	-
		PM	0.74	-
		PM ₁₀	0.74	-
		PM _{2.5}	0.74	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour (4)	TPY (5)
SPS3-7	Gas Turbine No. 34 and Waste Heater Boiler No. 36	NO _x	42.77	187.32
		NO _x (MSS)	74.50	-
		CO	13.49	59.59
		CO (MSS)	385.28	-
		VOC	1.12	4.93
		VOC (MSS)	6.25	-
		SO ₂	9.90	1.09
		PM	2.61	11.40
		PM ₁₀	2.61	11.40
		PM _{2.5}	2.61	11.40

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. 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
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
CO - carbon monoxide
MSS - maintenance, startup, and shutdown
- (4) Planned MSS lbs/hour emissions for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS, that pollutant's maximum hourly emission rate shall apply during that clock hour.
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period and includes planned MSS.

Date: June 5, 2015