

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Citgo Refining and Chemicals Company L.P.

AUTHORIZING THE OPERATION OF  
Citgo Corpus Christi Refinery West Plant  
Petroleum Refineries

LOCATED AT  
Nueces County, Texas  
Latitude 27° 48' 30" Longitude 97° 35' 30"  
Regulated Entity Number: RN100238799

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: 01420 Issuance Date: October 22, 2025



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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, 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, 113.1090, or 113.1130 which incorporate the 40 CFR Part 63 Subparts by reference.

- F. For the purpose of generating discrete emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 4 (Discrete Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
  - (i) Title 30 TAC § 101.372 (relating to General Provisions)
  - (ii) Title 30 TAC § 101.373 (relating to Discrete Emission Reduction Credit Generation and Certification)
  - (iii) Title 30 TAC § 101.374 (relating to Mobile Discrete Emission Reduction Credit Generation and Certification)
  - (iv) Title 30 TAC § 101.378 (relating to Discrete Emission Credit Banking and Trading)
  - (v) The terms and conditions by which the emission limits are established to generate the discrete reduction credit are applicable requirements of this permit
- 2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
  - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
  - B. Title 30 TAC § 101.3 (relating to Circumvention)
  - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
  - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
  - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
  - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
  - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
  - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
  - I. Title 30 TAC § 101.222 (relating to Demonstrations)
  - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
- 3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
  - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity

averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

- (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(1)(E)
- (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
- (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, 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<sub>x</sub>, 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<sub>x</sub>, 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 § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
  - (iii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
  - (iv) 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(b)(1).
- 5. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with the following requirements for wastewater drains, junction boxes, lift stations and weirs:
  - A. Title 30 TAC § 115.142(1)(E) and (F) (relating to Control Requirements)
  - B. Title 30 TAC § 115.146 (relating to Recordkeeping Requirements)
- 6. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
  - A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 100,000 gallons of gasoline in any calendar month after October 31, 2014, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
    - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
    - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

(iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)

7. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter D requirements:
  - A. Title 30 TAC § 115.312(b)(1) (relating to Control Requirements), for emissions during Process Unit Shutdown or Turnaround
8. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
  - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
  - B. Title 40 CFR § 60.8 (relating to Performance Tests)
  - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
  - D. Title 40 CFR § 60.12 (relating to Circumvention)
  - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
  - F. Title 40 CFR § 60.14 (relating to Modification)
  - G. Title 40 CFR § 60.15 (relating to Reconstruction)
  - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
9. For petroleum refinery facilities subject to 40 CFR Part 60, Subpart QQQ, the permit holder shall comply with the following requirements:
  - A. Title 40 CFR § 60.692-1(a) - (c) (relating to Standards: General)
  - B. Title 40 CFR § 60.692-2(a) - (c), (e) (relating to Standards: Individual Drain Systems)
  - C. Title 40 CFR § 60.692-6(a) - (b) (relating to Standards: Delay of Repair)
  - D. Title 40 CFR § 60.692-7(a) - (b) (relating to Standards: Delay of Compliance)
  - E. Title 40 CFR § 60.693-1(a) - (d), (e)(1) - (3) (relating to Alternative Standards for Individual Drain Systems)
  - F. Title 40 CFR § 60.697(a), (b)(1) - (3) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems
  - G. Title 40 CFR § 60.697(f)(1) - (2), (g) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems
  - H. Title 40 CFR § 60.697(h) (relating to Recordkeeping Requirements), as applicable to excluded Stormwater Sewer Systems
  - I. Title 40 CFR § 60.697(i) (relating to Recordkeeping Requirements), as applicable to excluded Ancillary Equipment
  - J. Title 40 CFR § 60.697(j) (relating to Recordkeeping Requirements), as applicable to excluded Non-contact Cooling Water Systems

- K. Title 40 CFR § 60.698(a), and (b)(1) (relating to Reporting Requirements), as applicable to Individual Drain Systems
  - L. Title 40 CFR § 60.698(c) (relating to Reporting Requirements), for water seal breaches in Drain Systems
  - M. 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(e)(1) (relating to Standards: General)
  - C. Title 40 CFR § 61.342(e)(2)(i) - (ii) (relating to Standards: General)
  - D. Title 40 CFR § 61.342(f)(1), and (2) (relating to Standards: General)
  - E. Title 40 CFR § 61.342(g) (relating to Standards: General)
  - F. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)
  - G. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions)
  - H. Title 40 CFR § 61.355(k)(1) - (6), and (7)(i) - (iv) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures
  - I. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)

- J. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)
  - K. Title 40 CFR § 61.356(b)(4) (relating to Recordkeeping Requirements)
  - L. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)
  - M. Title 40 CFR § 61.356(c) (relating to Recordkeeping Requirements)
  - N. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)
  - O. Title 40 CFR § 61.357(d)(5) (relating to Reporting Requirements)
  - P. Waste generated by remediation activities at these facilities are subject to the requirements identified under 40 CFR § 61.342 for treatment and management of waste
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 18, 2024 in the application for project 36241), 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. Boiler Standard Permit
  - 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. 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**

27. 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**

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

### **Alternative Requirements**

29. 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 TCEQ Executive Director, demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

### **Permit Location**

30. 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)**

31. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be

modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## **Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**Permit Shield**

**New Source Review Authorization References**

**Alternative Requirement**

**Applicable Requirements Summary**

**Unit Summary** ..... 18

**Applicable Requirements Summary** ..... 32

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**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
090-P-02A	SRIC ENGINES	N/A	63ZZZZ- FPENG01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
090-P-02B	SRIC ENGINES	N/A	63ZZZZ- FPENG01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
090-P-02C	SRIC ENGINES	N/A	63ZZZZ- FPENG01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
091-P-001	SRIC ENGINES	N/A	63ZZZZ- FPENG01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
091-P-100	SRIC ENGINES	N/A	63ZZZZ- FPENG01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
503-FUG	FUGITIVE EMISSION UNITS	N/A	R5322-DOCK3	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
503-FUG	FUGITIVE EMISSION UNITS	N/A	63CCVV-DOCK3	40 CFR Part 63, Subpart CC	No changing attributes.
506-FUG	FUGITIVE EMISSION UNITS	N/A	R5322-DOCK6	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
506-FUG	FUGITIVE EMISSION UNITS	N/A	63CCVV-DOCK6	40 CFR Part 63, Subpart CC	No changing attributes.
517-FUG	FUGITIVE EMISSION UNITS	N/A	R5322-ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
517-FUG	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
521-FUG	FUGITIVE EMISSION UNITS	N/A	R5322-ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
521-FUG	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
521-H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
521-P-067	SRIC ENGINES	N/A	60IIII-FPENG01	40 CFR Part 60, Subpart IIII	No changing attributes.
521-P-067	SRIC ENGINES	N/A	63ZZZZ- FPENG02	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
521-TK0001	STORAGE TANKS/VESSELS	N/A	63CC-TK01	40 CFR Part 63, Subpart CC	No changing attributes.
521-TK0008	STORAGE TANKS/VESSELS	N/A	63CC-TK01	40 CFR Part 63, Subpart CC	No changing attributes.
521-TKFRAC	STORAGE TANKS/VESSELS	N/A	63CC-TK01	40 CFR Part 63, Subpart CC	No changing attributes.
525-V-8	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT04	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
525-V-8	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63CC-06	40 CFR Part 63, Subpart CC	No changing attributes.
525-V5A12	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
525-V5A8	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
525-V5B12	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
525-V5B8	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
525-V9	EMISSION POINTS/STATIONARY	N/A	115-VENT04	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
	VENTS/PROCESS VENTS				
525/526FUG	FUGITIVE EMISSION UNITS	N/A	R5322-ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
525/526FUG	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
527-H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
527-H2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-FUEL01	40 CFR Part 60, Subpart J	No changing attributes.
527-H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
546-FUG99A	FUGITIVE EMISSION UNITS	N/A	R5322-ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
546-FUG99A	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
546-H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
546-H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
546-H3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
546-H4	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
546-H5	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
546-H6	PROCESS	N/A	63DDDDD-01	40 CFR Part 63, Subpart	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
	HEATERS/FURNACES			DDDDD	
546-H99	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	111-VENT01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
546-V13	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT04	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
546-V18	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT04	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
546-V26	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-CRU	40 CFR Part 63, Subpart UUU	No changing attributes.
546-V27	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT04	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
546-V28	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT04	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
546-V28	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63CC-VENT2	40 CFR Part 63, Subpart CC	No changing attributes.
547-H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
547-H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
552-T1	STORAGE TANKS/VESSELS	N/A	115TK-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
552-T1	STORAGE TANKS/VESSELS	N/A	60KB-TK02	40 CFR Part 60, Subpart Kb	No changing attributes.
552-T1	STORAGE TANKS/VESSELS	N/A	61FF-TANK	40 CFR Part 61, Subpart FF	No changing attributes.
552-T2	STORAGE TANKS/VESSELS	N/A	115TK-05	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
552-T2	STORAGE TANKS/VESSELS	N/A	60KB-TK02	40 CFR Part 60, Subpart Kb	No changing attributes.
552-T2	STORAGE TANKS/VESSELS	N/A	61FF-TANK	40 CFR Part 61, Subpart FF	No changing attributes.
553-FUG	FUGITIVE EMISSION UNITS	N/A	R5322-ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
554-ME5	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-FUEL01	40 CFR Part 60, Subpart J	No changing attributes.
561-FUG99B	FUGITIVE EMISSION UNITS	N/A	R5322-ALL	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
566-G-001	SRIC ENGINES	N/A	63ZZZZ- FPENG01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
572-CPI1	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	115-OWS01	30 TAC Chapter 115, Water Separation	Emission Control Option = The compartment has all openings sealed and totally encloses the liquid contents with gauging and sampling devices that are vapor tight except when in use.
572-CPI1	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	115-OWS02	30 TAC Chapter 115, Water Separation	Emission Control Option = Vapor recovery system which satisfies the provisions of 30 TAC § 115.131.,

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Control Device = Carbon adsorption system.
572-TK0214	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	115-OWS01	30 TAC Chapter 115, Water Separation	No changing attributes.
572-TK0214	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
572-TK0215	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	115-OWS01	30 TAC Chapter 115, Water Separation	No changing attributes.
572-TK0215	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
572-WWT	FUGITIVE EMISSION UNITS	N/A	R5322-WWTP	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
572-WWT	FUGITIVE EMISSION UNITS	N/A	60GGG-WWT	40 CFR Part 60, Subpart GGG	No changing attributes.
573-ME1	FLARES	N/A	111-FLARE01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
573-ME1	FLARES	N/A	60A-02	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec), Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
573-ME1	FLARES	N/A	60A-03	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
573-ME1	FLARES	N/A	60A-04	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)
573-ME1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-FUEL01	40 CFR Part 60, Subpart J	No changing attributes.
573-ME1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja	40 CFR Part 60, Subpart Ja	No changing attributes.
573-ME1	CLOSED VENT SYSTEM AND CONTROL DEVICE	N/A	61FF-FLARE01	40 CFR Part 61, Subpart FF	No changing attributes.
573-ME1	FLARES	N/A	63A-01	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec), Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
573-ME1	FLARES	N/A	63A-02	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
573-ME1	FLARES	N/A	63A-03	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).
573-ME1	FLARES	N/A	63CC-60A1	40 CFR Part 63, Subpart CC	Flare Control Device = Flare controls a source subject to another 40 CFR Part 60, 61, or 63 subpart which allows or requires compliance with § 63.670., Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
573-ME1	FLARES	N/A	63CC-60A2	40 CFR Part 63, Subpart CC	Flare Control Device = Flare controls a source subject to another 40 CFR Part 60, 61, or 63 subpart which allows or requires compliance with § 63.670., Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
573-ME1	FLARES	N/A	63CC-FL1	40 CFR Part 63, Subpart CC	Flare Control Device = Flare controls an emission point subject to 40 CFR Part 63, Subpart CC, Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
573-ME1	FLARES	N/A	63CC-FL2	40 CFR Part 63, Subpart CC	Flare Control Device = Flare controls an emission point subject to 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
573-V2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-VENT03	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
585-T6019	STORAGE TANKS/VESSELS	N/A	115TK-03	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
585-T6019	STORAGE TANKS/VESSELS	N/A	63CC-TK01	40 CFR Part 63, Subpart CC	No changing attributes.
585TK6015	STORAGE TANKS/VESSELS	N/A	115TK-06	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
585TK6015	STORAGE TANKS/VESSELS	N/A	60Kc-01	40 CFR Part 60, Subpart Kc	No changing attributes.
585TK6015	STORAGE TANKS/VESSELS	N/A	63CC-TK02	40 CFR Part 63, Subpart CC	No changing attributes.
590-FUG	FUGITIVE EMISSION UNITS	N/A	R5322	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
590-H1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja	40 CFR Part 60, Subpart Ja	No changing attributes.
590-H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
590-H2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja	40 CFR Part 60, Subpart Ja	No changing attributes.
590-H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
590V036	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	115-OWS01	30 TAC Chapter 115, Water Separation	No changing attributes.
590V036	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	61FF-SEP	40 CFR Part 61, Subpart FF	No changing attributes.
851-FUG	FUGITIVE EMISSION	N/A	R5322-ALL	30 TAC Chapter 115,	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
	UNITS			Fugitives Pet Ref B Counties	
851-FUG	FUGITIVE EMISSION UNITS	N/A	60GGGa	40 CFR Part 60, Subpart GGGa	No changing attributes.
851-FUG	FUGITIVE EMISSION UNITS	N/A	60VVa-ALL	40 CFR Part 60, Subpart VVa	No changing attributes.
851-FUG	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
90-T5001	STORAGE TANKS/VESSELS	N/A	115-TK07	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
90-T5001	STORAGE TANKS/VESSELS	N/A	60KB-TK01	40 CFR Part 60, Subpart Kb	No changing attributes.
90-T5002	STORAGE TANKS/VESSELS	N/A	115-TK07	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
90-T5002	STORAGE TANKS/VESSELS	N/A	60KB-TK01	40 CFR Part 60, Subpart Kb	No changing attributes.
90-T5003	STORAGE TANKS/VESSELS	N/A	115-TK07	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
90-T5003	STORAGE TANKS/VESSELS	N/A	60KB-TK01	40 CFR Part 60, Subpart Kb	No changing attributes.
90-T5004	STORAGE TANKS/VESSELS	N/A	115-TK07	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
90-T5004	STORAGE TANKS/VESSELS	N/A	60KB-TK01	40 CFR Part 60, Subpart Kb	No changing attributes.
90-T5005	STORAGE TANKS/VESSELS	N/A	115-TK07	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
90-T5005	STORAGE TANKS/VESSELS	N/A	60KB-TK01	40 CFR Part 60, Subpart Kb	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
90-T5006	STORAGE TANKS/VESSELS	N/A	115-TK07	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
90-T5006	STORAGE TANKS/VESSELS	N/A	60KB-TK01	40 CFR Part 60, Subpart Kb	No changing attributes.
90-T5007	STORAGE TANKS/VESSELS	N/A	115-TK07	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
90-T5007	STORAGE TANKS/VESSELS	N/A	60KB-TK01	40 CFR Part 60, Subpart Kb	No changing attributes.
90-T5008	STORAGE TANKS/VESSELS	N/A	115-TK07	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
90-T5008	STORAGE TANKS/VESSELS	N/A	60KB-TK01	40 CFR Part 60, Subpart Kb	No changing attributes.
91-T4001	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
91-T4001	STORAGE TANKS/VESSELS	N/A	60KB	40 CFR Part 60, Subpart Kb	No changing attributes.
91-T4001	STORAGE TANKS/VESSELS	N/A	63CC-TK01	40 CFR Part 63, Subpart CC	Group 1 Storage Vessel = The storage vessel is a Group 2 vessel., Group 2 Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
91-T4001	STORAGE TANKS/VESSELS	N/A	63CC-TK02	40 CFR Part 63, Subpart CC	Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia, Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal, Group 1 Applicability = The storage

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					vessel is also subject to 40 CFR Part 60, Subpart Kb and is complying with that rule, Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641), Product Stored = Refined petroleum products, Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)
91-T4002	STORAGE TANKS/VESSELS	N/A	63CC-TK01	40 CFR Part 63, Subpart CC	No changing attributes.
91-T4003	STORAGE TANKS/VESSELS	N/A	63CC-TK01	40 CFR Part 63, Subpart CC	No changing attributes.
CAUSTLOAD	LOADING/UNLOADING OPERATIONS	N/A	115-LOAD03	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
DEGRSR1-MS	SOLVENT DEGREASING MACHINES	N/A	115-DEGR1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
DEGRSR2-ES	SOLVENT DEGREASING MACHINES	N/A	115-SOLV11	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
DEGRSR3-PS	SOLVENT DEGREASING MACHINES	N/A	115-SOLV11	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
FGRS-FUG	FUGITIVE EMISSION UNITS	N/A	R5322-FGRS	30 TAC Chapter 115, Fugitives Pet Ref B Counties	No changing attributes.
FGRS-FUG	FUGITIVE EMISSION UNITS	N/A	60GGG-FGRS	40 CFR Part 60, Subpart GGG	No changing attributes.
GRP11VENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	521VENTA1, 521VENTA2, 521VENTB1,	115-VENT01	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
		521VENTB2			
GRP15VENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	546-V24, 546-V25	115-VENT04	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP17VENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	546-V22, 546-V23	115-VENT04	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP1HTR	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	521-H1, 527-H1, 546-H1, 546-H2, 546-H3, 546-H4, 546-H5, 546-H6, 547-H1, 547-H2	60J-FUEL01	40 CFR Part 60, Subpart J	No changing attributes.
GRP20VENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	554-V3, 554-V4	115-VENT06	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP21VENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	552-V5, 555-V16	115-VENT06	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP3BOILER	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	561-B1, 561-B2, 561-B3	60J-FUEL01	40 CFR Part 60, Subpart J	No changing attributes.
GRP3BOILER	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	561-B1, 561-B2, 561-B3	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
GRP4WPCF	STORAGE TANKS/VESSELS	585-T6001, 585- T6002, 585-T6014, 585-T6017, 585- T6018	63CC-TK01	40 CFR Part 63, Subpart CC	No changing attributes.
GRP5WPRO	STORAGE	585-T6011, 585-	115TK-05	30 TAC Chapter 115,	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
	TANKS/VESSELS	T6012		Storage of VOCs	
GRP5WPRO	STORAGE TANKS/VESSELS	585-T6011, 585- T6012	60KB-TK01	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP5WPRO	STORAGE TANKS/VESSELS	585-T6011, 585- T6012	61FF-TANK	40 CFR Part 61, Subpart FF	No changing attributes.
GRP5WPRO	STORAGE TANKS/VESSELS	585-T6011, 585- T6012	63CC-TK03	40 CFR Part 63, Subpart CC	No changing attributes.
GRPVENDTKS	STORAGE TANKS/VESSELS	VENDORTKS	115TK-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
SLUDGELOAD	LOADING/UNLOADING OPERATIONS	N/A	115-LOAD02	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
WP-SRU	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	R112	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
WP-SRU	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-SRU01	40 CFR Part 60, Subpart J	No changing attributes.
WP-SRU	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-WP-SRU	40 CFR Part 63, Subpart UUU	No changing attributes.

**Applicable Requirements Summary**

<b>Unit Group Process ID No.</b>	<b>Unit Group Process Type</b>	<b>SOP Index No.</b>	<b>Pollutant</b>	<b>State Rule or Federal Regulation Name</b>	<b>Emission Limitation, Standard or Equipment Specification Citation</b>	<b>Textual Description (See Special Term and Condition 1.B.)</b>	<b>Monitoring And Testing Requirements</b>	<b>Recordkeeping Requirements (30 TAC § 122.144)</b>	<b>Reporting Requirements (30 TAC § 122.145)</b>
090-P-02A	EU	63ZZZZ-FPENG01	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)
090-P-02B	EU	63ZZZZ-FPENG01	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)
090-P-02C	EU	63ZZZZ-FPENG01	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)	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)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6640(f)(3)				
091-P-001	EU	63ZZZZ-FPENG01	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)
091-P-100	EU	63ZZZZ-FPENG01	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)
503-FUG	EU	R5322-DOCK3	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
503-FUG	EU	R5322-DOCK3	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
					§ 115.327(3)	leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
503-FUG	EU	R5322-DOCK3	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
503-FUG	EU	R5322-DOCK3	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
503-FUG	EU	R5322-DOCK3	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
503-FUG	EU	R5322-DOCK3	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						is found, except as provided in §115.322(2).			
503-FUG	EU	R5322-DOCK3	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
503-FUG	EU	R5322-DOCK3	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
503-FUG	EU	R5322-DOCK3	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
503-FUG	EU	63CCVV-DOCK3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)

**Applicable Requirements Summary**

<b>Unit Group Process ID No.</b>	<b>Unit Group Process Type</b>	<b>SOP Index No.</b>	<b>Pollutant</b>	<b>State Rule or Federal Regulation Name</b>	<b>Emission Limitation, Standard or Equipment Specification Citation</b>	<b>Textual Description (See Special Term and Condition 1.B.)</b>	<b>Monitoring And Testing Requirements</b>	<b>Recordkeeping Requirements (30 TAC § 122.144)</b>	<b>Reporting Requirements (30 TAC § 122.145)</b>
503-FUG	EU	63CCVV-DOCK3	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)
503-FUG	EU	63CCVV-DOCK3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
503-FUG	EU	63CCVV-DOCK3	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)	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)	§ 60.482-1(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)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 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)
					[G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)		§ 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	
503-FUG	EU	63CCVV-DOCK3	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)
506-FUG	EU	R5322-DOCK6	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
506-FUG	EU	R5322-DOCK6	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						calendar days after the leak is found, except as provided in §115.322(2).			
506-FUG	EU	R5322-DOCK6	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
506-FUG	EU	R5322-DOCK6	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
506-FUG	EU	R5322-DOCK6	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
506-FUG	EU	R5322-DOCK6	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(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)
506-FUG	EU	R5322-DOCK6	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
506-FUG	EU	63CCVV-DOCK6	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
506-FUG	EU	63CCVV-DOCK6	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
506-FUG	EU	63CCVV-DOCK6	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection)	§ 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)	§ 60.487(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)
					[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)	systems complying with §60.482-10.		§ 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)	§ 63.642(f) § 63.655(d)(2)
506-FUG	EU	63CCVV-DOCK6	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)
506-FUG	EU	63CCVV-DOCK6	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)	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)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)				
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found,	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						except as provided in §115.322(2).	[G]§ 115.325		
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No valve (gaseous service), as described in § 115.327(3) or (5), may be	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
					§ 115.322(4) § 115.327(5)	allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						§115.322(2).			
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
517-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	heavy liquid service complying with §60.482-8.	[G]§ 60.485(e) § 60.485(f)	§ 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)	§ 63.642(f) § 63.655(d)(2)
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b)	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)	§ 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) [G]§ 60.482-9(d) § 60.482-9(f) § 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)	
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 63.642(f) § 63.655(d)(2)
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b)	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)	§ 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)
					§ 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)			§ 63.655(i) § 63.655(i)(6)	
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b)	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)
					§ 63.642(n) § 63.648(a)(2) § 63.648(i)				
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 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)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [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) § 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)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d) § 60.486(k) § 63.642(b) § 63.642(n)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 63.655(i) § 63.655(i)(6)	
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g) § 63.642(b) § 63.642(n)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c) if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3) § 63.655(i)	None
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) § 60.482-8(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)	or other connectors complying with §60.482-8.	[G]§ 60.485(d) § 60.485(f)	[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(e) § 63.642(f) § 63.655(d)(2)
517-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-10(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)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found,	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						except as provided in §115.322(2).	§ 115.324(6) [G]§ 115.325		
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						calendar days after the leak is found, except as provided in §115.322(2).			
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet	§ 115.322(1) § 115.322(2)	No pressure relief valve in gaseous service, as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
				Ref B Counties	§ 115.322(3) § 115.327(5)	described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found,	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						except as provided in §115.322(2).			
521-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a)	Comply with the specified 40 CFR Part 60, Subpart	§ 60.482-8(a)(1) § 60.485(a)	§ 60.482-1(g) [G]§ 60.486(a)	§ 60.487(a) [G]§ 60.487(b)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[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(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-10(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)
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b)	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)

**Applicable Requirements Summary**

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

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)				
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 63.642(f) § 63.655(d)(2)
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	sampling connection systems complying with §60.482-5.	§ 60.485(f)	§ 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(e) § 63.642(f) § 63.655(d)(2)
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) § 63.648(i)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a)	§ 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)	§ 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)
					[G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) § 63.648(f)		[G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(e)(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)	
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d) § 60.486(k) § 63.642(b) § 63.642(n)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
521-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g) § 63.642(b) § 63.642(n)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c) if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3) § 63.655(i)	None
521-H1	EU	63DDDDD	112(B)	40 CFR Part 63,	§ 63.7500(a)(1)-	A new or existing boiler or	§ 63.7515(d)	§ 63.7555(a)	[G]§ 63.7521(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)
		-01	HAPS	Subpart DDDDD	Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	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.	[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)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 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) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
521-P-067	EU	60III- FPENG01	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump 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 30 liters per cylinder and is a 2009 model year or earlier must comply with a CO emission limit of 5.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
521-P-067	EU	60III- FPENG01	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump 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 30 liters per cylinder and is a 2009 model year or earlier must comply with an NMHC+NO <sub>x</sub> emission limit	§ 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)
						of 10.5 g/KW-hr, as listed in Table 4 to this subpart.			
521-P-067	EU	60III- FPENG01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump 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 30 liters per cylinder and is a 2009 model year or earlier must comply with a PM emission limit of 0.80 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
521-P-067	EU	63ZZZ- FPENG02	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
521-TK0001	EU	63CC- TK01	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)
521-TK0008	EU	63CC-TK01	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)
521-TKFRAC	EU	63CC-TK01	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)
525-V-8	EP	115-VENT04	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
525-V-8	EU	63CC-06	112(B)	40 CFR Part 63,	§ 63.643(a)	The owner or operator of a	§ 63.642(d)(1)	§ 63.642(e)	[G]§ 63.640(l)(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)
			HAPS	Subpart CC	§ 63.640(l) § 63.643(a)(2)	Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.642(d)(3) § 63.642(d)(4) § 63.644(b)(1) § 63.644(c)(2) § 63.644(d) § 63.644(e) § 63.645(a) [G]§ 63.645(e) [G]§ 63.645(g) § 63.645(h) § 63.645(h)(1) § 63.645(h)(2) § 63.645(i)	[G]§ 63.654(e) § 63.654(g)(7)(ii) [G]§ 63.654(h)(5)(iii) § 63.654(i)(2) [G]§ 63.654(i)(3) § 63.654(i)(4)	§ 63.642(d)(2) § 63.642(f) § 63.644(d) § 63.645(h)(2) [G]§ 63.654(e) § 63.654(f) § 63.654(f)(1)(ii) [G]§ 63.654(f)(2) [G]§ 63.654(f)(3) § 63.654(f)(4) § 63.654(g) [G]§ 63.654(g)(6) § 63.654(g)(7) § 63.654(g)(7)(i) § 63.654(h) § 63.654(h)(1)
525-V5A12	EP	115-VENT01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
525-V5A8	EP	115-VENT01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
525-V5B12	EP	115-VENT01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
525-V5B8	EP	115-VENT01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
525-V9	EP	115-VENT04	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No valve in liquid service, as described in § 115.327(3) or (5), may be	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
					§ 115.322(4) § 115.327(3) § 115.327(5)	allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						§115.322(2).			
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found,	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						except as provided in §115.322(2).	[G]§ 115.325		
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
525/526FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet	§ 115.322(1) § 115.322(2)	No pressure relief valve in gaseous service, as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

**Applicable Requirements Summary**

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				Ref B Counties	§ 115.322(3) § 115.327(5)	described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual 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)				
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-10(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)
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
525/526FUG	EU	63CCVV-	112(B)	40 CFR Part 63,	[G]§ 63.648(g)	Compressors in hydrogen	[G]§ 63.648(g)	§ 63.648(h)	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)
		ALL	HAPS	Subpart CC	§ 63.642(b) § 63.642(n)	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).		§ 63.655(d)(3) § 63.655(i)	
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d) § 60.486(k) § 63.642(b) § 63.642(n)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 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)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [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) § 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)	§ 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) § 63.648(f)				
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) § 63.648(i)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 63.642(b) § 63.642(n)	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)

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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)				
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 63.642(f) § 63.655(d)(2)
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(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)
					§ 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	in heavy liquid service complying with §60.482-8.	[G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	[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(e) § 63.642(f) § 63.655(d)(2)
525/526FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
527-H1	EU	63DDDDD-01	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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					§ 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
527-H2	EU	60J-FUEL01	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 <sub>2</sub> 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)
527-H2	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.			[G]§ 63.7550(h)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						§115.322(2).			
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						after the leak is found, except as provided in §115.322(2).	§ 115.324(6) [G]§ 115.325		
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3)	[G]§ 115.326(1) § 115.327(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)
						more than 15 calendar days after the leak is found, except as provided in §115.322(2).		§ 115.326(5)	
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g) § 63.642(b) § 63.642(n)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c) if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3) § 63.655(i)	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d) § 60.486(k) § 63.642(b) § 63.642(n)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 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)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [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) § 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)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
546-	EU	63CCVV-	112(B)	40 CFR Part 63,	§ 63.648(a)	Comply with the specified	§ 60.482-3(e)(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)
FUG99A		ALL	HAPS	Subpart CC	§ 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)	40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 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)
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1)	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)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)			§ 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 63.655(d)(2)
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in light liquid service complying with §60.482-7.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e) § 63.642(f) § 63.655(d)(2)
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2)	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)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [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) § 63.655(i)(6)	
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d)	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)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)			§ 63.655(i)(6)	
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-10(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)
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-10(f) [G]§ 60.482-10(g)	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)	§ 60.487(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)
					§ 60.482-10(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)			§ 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	
546-FUG99A	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
546-H1	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
546-H2	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
546-H3	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
546-H4	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will	§ 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)
						conduct this tune-up as a work practice for all regulated emissions.			
546-H5	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
546-H6	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
546-H99	EP	111-VENT01	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	[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)
						total flow rate of at least 100,000 acfm unless a CEMS is installed.			
546-V13	EP	115-VENT04	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
546-V18	EP	115-VENT04	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
546-V26	EU	63UUU-CRU	TOC	40 CFR Part 63, Subpart UUU	§ 63.1566(a)(1)-Table 15.2 § 63.1566(a)(1) § 63.1566(a)(1)(ii) § 63.1566(a)(2) § 63.1566(a)(2)-Table 16.2.a § 63.1566(a)(3) § 63.1566(a)(4) § 63.1566(a)(5) § 63.1566(b)(1)-	For each new or existing catalytic reforming unit, you can elect to reduce uncontrolled emissions of TOC or nonmethane TOC from your process vent by 98% by weight using a control device or to a concentration of 20 ppmv (dry basis as hexane), corrected to 3% O <sub>2</sub> ,	§ 63.1566(b)(1) § 63.1566(b)(2) § 63.1566(b)(2)-Table 18.2.a § 63.1566(b)(2)-Table 18.2.b § 63.1566(b)(2)-Table 18.2.c § 63.1566(b)(2)-Table 18.2.d § 63.1566(b)(2)-	§ 63.1569(c)(1)-Table 39.2 § 63.1569(c)(1)-Table 39.5 § 63.1570(c) § 63.1570(d) § 63.1572(c)(4) § 63.1572(c)(5) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e)	§ 63.1566(b)(7) § 63.1566(b)(8) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1569(c)(1)-Table 39.5 § 63.1570(f) § 63.1571(a) § 63.1571(d)(4) [G]§ 63.1574(a) § 63.1574(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)
					Table 17.2 § 63.1566(b)(3) § 63.1566(b)(4) § 63.1566(b)(4)(i) § 63.1566(b)(6) § 63.1566(b)(6)-Table 19.2 § 63.1566(c)(1) § 63.1566(c)(2) § 63.1569(a)(1) § 63.1569(a)(1)(ii)-Table 36.2 § 63.1569(a)(3) § 63.1569(b)(2) § 63.1569(b)(2)-Table 38.1.b § 63.1569(c)(1) § 63.1569(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1571(d) § 63.1571(d)(4) [G]§ 63.1571(e)	whichever is less stringent (Option 2). If you vent emissions to a boiler/process heater, the vent stream must be introduced into the flame zone or any other location that will achieve the percent reduction or concentration standard.	Table 18.2.f § 63.1566(b)(2)-Table 18.2.h § 63.1566(c)(1)-Table 20.2 § 63.1566(c)(1)-Table 21.2.a § 63.1569(c)(1)-Table 39.2 § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(c) § 63.1572(c)(1) § 63.1572(c)(1)-Table 41.9 § 63.1572(c)(2) § 63.1572(c)(3) § 63.1572(c)(4) [G]§ 63.1572(d)	§ 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) § 63.1575(l)
546-V27	EP	115-VENT04	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
546-V28	EP	115-VENT04	VOC	30 TAC Chapter 115, Vent Gas	§ 115.122(b) § 115.121(b)	For all persons in Nueces and Victoria Counties, any	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.122(b)(3)	vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	** See Periodic Monitoring Summary		
546-V28	EP	63CC-VENT2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a)(2) § 63.116(b) § 63.642(b) § 63.642(n) § 63.643(b)	For a Group 1 miscellaneous process vent, reduce emissions of organic HAPs, using a control device, by 98 weight-percent or to a concentration of 20 parts per million by volume, on a dry basis, corrected to 3 percent oxygen, whichever is less stringent. Compliance can be determined by measuring either organic HAPs or TOCs using the procedures in §63.645.	§ 63.644(a) § 63.644(a)(3) § 63.644(d) § 63.644(e) § 63.645(a)	§ 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.644(d) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(3) § 63.655(g) § 63.655(g)(14) § 63.655(h)
547-H1	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will	§ 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)
						conduct this tune-up as a work practice for all regulated emissions.			
547-H2	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
552-T1	EU	115TK-05	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.114(b)(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(b)(1)(A) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(1)(B)
552-T1	EU	60KB-TK02	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
552-T1	EU	61FF-TANK	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
552-T2	EU	115TK-05	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.114(b)(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(b)(1)(A) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(1)(B)
552-T2	EU	60KB-TK02	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
552-T2	EU	61FF-TANK	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	following §61.351(a)(1)-(3):			§ 61.357(e) § 61.357(f)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No valve (gaseous service), as described in § 115.327(3) or (5), may be	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
					§ 115.322(4) § 115.327(5)	allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)

**Applicable Requirements Summary**

<b>Unit Group Process ID No.</b>	<b>Unit Group Process Type</b>	<b>SOP Index No.</b>	<b>Pollutant</b>	<b>State Rule or Federal Regulation Name</b>	<b>Emission Limitation, Standard or Equipment Specification Citation</b>	<b>Textual Description (See Special Term and Condition 1.B.)</b>	<b>Monitoring And Testing Requirements</b>	<b>Recordkeeping Requirements (30 TAC § 122.144)</b>	<b>Reporting Requirements (30 TAC § 122.145)</b>
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
					§ 115.327(5)	calendar days after the leak is found, except as provided in §115.322(2).			
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
553-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
554-ME5	EU	60J-FUEL01	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 <sub>2</sub> 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)		
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(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)
						exceed by more than 5.0% such allowable emissions with no exemptions.			
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet	§ 115.322(1) § 115.322(2)	No valve in liquid service, as described in §	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
				Ref B Counties	§ 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
561-FUG99B	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
566-G-001	EU	63ZZZZ-FPENG01	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)
572-CPI1	EU	115-OWS01	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(b)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(b) § 115.136(b)(3) § 115.136(b)(4) ** See Periodic Monitoring Summary	§ 115.136(b)(3) § 115.136(b)(4)	None
572-CPI1	EU	115-OWS02	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(b)(3) § 115.131(b)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(b) of this title.	[G]§ 115.135(b) § 115.136(b)(3) § 115.136(b)(4) ** See Periodic Monitoring Summary	§ 115.136(b)(3) § 115.136(b)(4)	None
572-TK0214	EU	115-OWS01	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(b)(2)	VOC water separator compartments must have a floating roof or internal-floating cover resting on the surface with closure seals. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(b) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(3) § 115.136(b)(4)	None
572-TK0214	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	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(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)
						(pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 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)	§ 60.116b(b) § 60.116b(c)	§ 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
572-TK0215	EU	115-OWS01	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(b)(2)	VOC water separator compartments must have a floating roof or internal-floating cover resting on the surface with closure seals. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(b) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(3) § 115.136(b)(4)	None
572-TK0215	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)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)		
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for	§ 115.324 § 115.324(1) § 115.324(1)(C)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3)	[G]§ 115.326(1) § 115.327(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)
						more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	§ 115.326(5)	
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.323(1) § 115.910	Any alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division (relating to Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties) may be approved by the executive director in accordance with §§115.910 of this title (relating to Availability of Alternate Means of Control) if emission reductions are demonstrated to be substantially equivalent.	§ 115.323(2) § 115.323(3)	None	§ 115.323(2)
572-WWT	EU	R5322-WWTP	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
572-WWT	EU	60GGG-	VOC	40 CFR Part 60,	§ 60.592(a)	Comply with the	§ 60.482-8(a)(1)	§ 60.482-1(g)	§ 60.487(a)

**Applicable Requirements Summary**

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

**Applicable Requirements Summary**

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

**Applicable Requirements Summary**

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

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) § 60.592(d) § 60.592(e)	gas/vapor or light-liquid service.	§ 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.593(d)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j)	§ 60.487(e)
572-WWT	EU	60GGG-WWT	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)
573-ME1	EU	111-FLARE01	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
573-ME1	CD	60A-02	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3)	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)
					§ 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)		§ 60.18(f)(4)		
573-ME1	CD	60A-03	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(iii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) § 60.18(f)(5)	None	None
573-ME1	CD	60A-04	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(ii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
573-ME1	EU	60J-FUELO1	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 <sub>2</sub> 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)
573-ME1	EU	60Ja	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(b) § 60.103a(c)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H <sub>2</sub> S in excess	[G]§ 60.103a(a) § 60.104a(a) § 60.104a(c) [G]§ 60.104a(j)	§ 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(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)	of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(v) § 60.107a(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)		
573-ME1	CD	61FF-FLARE01	Benzene	40 CFR Part 61, Subpart FF	§ 61.349(a) § 60.18 § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g) § 61.354(c)	For each closed-vent system and control device used to comply with §§61.343-61.348, properly design, install, operate, and maintain the closed-vent system and control device per following:	§ 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)(i)(D) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
573-ME1	CD	63A-01	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
573-ME1	CD	63A-02	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	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)
					§ 63.11(b)(6)(ii) § 63.11(b)(7)(iii)	consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.			
573-ME1	CD	63A-03	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(ii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
573-ME1	CD	63CC-60A1	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 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).	§ 63.670(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)	[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]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)
573-ME1	CD	63CC-60A2	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 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	§ 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(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]§ 63.670(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)	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(j) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	[G]§ 63.671(a) [G]§ 63.671(b)	
573-ME1	CD	63CC-FL1	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)
573-ME1	CD	63CC-FL2	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)	
573-V2	EP	115-VENT03	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(2)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
585-T6019	EU	115TK-03	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1)	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).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	None
585-T6019	EU	63CC-TK01	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)
585TK6015	EU	115TK-06	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(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(b)(2) § 115.114(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)
585TK6015	EU	60Kc-01	VOC	40 CFR Part 60, Subpart Kc	§ 60.110c(g) § 60.112c(a) § 60.112c(a)(1) [G]§ 60.112c(c) [G]§ 60.113c(b)(4) § 60.113c(b)(7)(i) § 60.113c(d)	All standards including emission limitations shall apply at all times, including periods of startup, shutdown and malfunction. As provided in § 60.11(f), this paragraph (g) supersedes the exemptions for periods of startup, shutdown, and malfunction in subpart A of this part.	[G]§ 60.113c(b) [G]§ 60.113c(d)	§ 60.115c(a) § 60.115c(b) [G]§ 60.115c(c) [G]§ 60.115c(d)(2)	§ 60.113c(b)(5) § 60.113c(b)(6) § 60.113c(b)(7)(ii) [G]§ 60.116c
585TK6015	EU	63CC-TK02	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) [G]§ 60.112b(a)(2) § 63.640(n)(8)(i) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(2) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)		
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						§101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(5)	No valve (gaseous service), as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
590-FUG	EU	R5322	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(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)
						with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.			
590-H1	EU	60Ja	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(i) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)	§ 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
590-H1	EU	60Ja	NO <sub>x</sub>	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(2)(i)(A) § 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(i)	For each natural draft process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NO <sub>x</sub> in excess of 40 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.104a(i)(8) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.107a(c)(6) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(i)	§ 60.108a(a) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
590-H1	EU	63DDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)	A new or existing boiler or process heater without a continuous oxygen trim	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
590-H2	EU	60Ja	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(1)(ii) § 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.103a(c) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) [G]§ 60.103a(e)	For each fuel gas combustion device the owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(i) § 60.107a(i)(1)(ii)	§ 60.108a(a) § 60.108a(c) [G]§ 60.108a(c)(6) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
590-H2	EU	60Ja	NO <sub>x</sub>	40 CFR Part 60, Subpart Ja	§ 60.102a(g)(2)(i)(A) § 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(i)	For each natural draft process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NO <sub>x</sub> in excess of 40 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.104a(i)(8) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4)	§ 60.108a(a) [G]§ 60.108a(d)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.107a(c)(5) § 60.107a(c)(6) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(i)		
590-H2	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
590V036	EU	115-OWS01	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(b)(3) § 115.131(b)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(b) of this title.	[G]§ 115.135(b) § 115.136(b)(3) § 115.136(b)(4) ** See Periodic Monitoring Summary	§ 115.136(b)(3) § 115.136(b)(4)	None
590V036	EU	61FF-SEP	Benzene	40 CFR Part 61, Subpart FF	§ 61.347(a)(1) § 60.18 § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e)	Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device.	§ 60.18(f)(2) § 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.349(f) § 61.349(g)				
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No elevated valve may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(D) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No pump seal, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No process drain may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days	§ 115.324 § 115.324(1) § 115.324(1)(C) § 115.324(4)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						after the leak is found, except as provided in §115.322(2).	§ 115.324(6) [G]§ 115.325		
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No process drain, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet	§ 115.322(1) § 115.322(2)	No valve (gaseous service), as described in §	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
				Ref B Counties	§ 115.322(3) § 115.322(4) § 115.327(5)	115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(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)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(5)	No pressure relief valve in gaseous service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
851-FUG	EU	R5322-ALL	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No elevated valve, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.593a(g) § 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(d) [G]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1) § 60.482-11a(f)(2) § 60.482-11a(g) § 60.482-9a(a) § 60.482-9a(b)	Connectors in gas/vapor or light liquid service are exempt from the requirements in §60.482-11a, provided the owner or operator complies with §60.482-8a for all connectors, not just those in heavy liquid service.	§ 60.482-11a(a) § 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(b)(3)(ii) [G]§ 60.482-11a(b)(3)(iii) § 60.482-	§ 60.482-11a(b)(3)(v) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8) § 60.486a(e)(9) § 60.486a(f) § 60.486a(f)(1)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(vii) § 60.487a(c)(2)(viii) § 60.487a(c)(2)(xi)

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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]§ 60.482-9a(c) § 60.482-9a(f) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)		11a(b)(3)(iv) § 60.482-11a(c) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)		§ 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.18 § 60.482-10a(a) § 60.482-10a(d) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-10a for flares.	§ 60.482-10a(e) § 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(g) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-10a(a) [G]§ 60.482-10a(f) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(i) [G]§ 60.482-10a(j) [G]§ 60.482-10a(k) § 60.482-10a(m) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2)	Comply with the requirements as stated in §60.482-10a for closed-vent systems.	§ 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) § 60.593a(d)	[G]§ 60.482-10a(l) § 60.485a(b)(2) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

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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)
					§ 60.486a(k) § 60.592a(d) § 60.592a(e)				
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-8a for connectors in heavy liquid service.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d)	Comply with the requirements as stated in §60.482-8a for valves in heavy liquid service.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

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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)
					§ 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(e) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)				
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-7a(a)(1) § 60.482-7a(b) [G]§ 60.482-7a(d) [G]§ 60.482-7a(e) [G]§ 60.482-7a(f) [G]§ 60.482-7a(g) [G]§ 60.482-7a(h) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(e) § 60.482-9a(f) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-7a for valves in gas/vapor or light liquid service.	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2) [G]§ 60.482-7a(c) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) § 60.486a(f)(2)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(2) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(ii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	60GGGa	VOC	40 CFR Part 60,	§ 60.592a(a)	Comply with the	§ 60.482-1a(g)	§ 60.482-1a(g)	§ 60.487a(a)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart GGGa	§ 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-5a(a) [G]§ 60.482-5a(b) § 60.482-5a(c) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	requirements as stated in §60.482-5a for sampling connection systems.	§ 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) § 60.593a(d)	§ 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-4a(a) § 60.482-4a(b)(1) § 60.482-4a(b)(2) § 60.482-4a(c) § 60.482-4a(d)(1) § 60.482-4a(d)(2) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)	Comply with the requirements as stated in §60.482-4a for pressure relief devices in gas/vapor service.	§ 60.482-1a(g) § 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g)	Comply with the requirements as stated in §60.482-3a for compressors.	§ 60.482-1a(g) § 60.482-3a(e)(1) § 60.482-9a(a) § 60.485a(a)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(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)
					§ 60.482-3a(a) [G]§ 60.482-3a(b) § 60.482-3a(c) § 60.482-3a(d) § 60.482-3a(e)(2) § 60.482-3a(f) [G]§ 60.482-3a(g) § 60.482-3a(h) [G]§ 60.482-3a(i) § 60.482-3a(j) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)		[G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) § 60.593a(d)	[G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) [G]§ 60.486a(h)	§ 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(v) § 60.487a(c)(2)(vi) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.593a(b)(1)	Compressors in hydrogen service are exempt from the requirements of §60.592a if an owner or operator demonstrates that a compressor is in hydrogen service.	§ 60.593a(b)(2) [G]§ 60.593a(b)(3)	None	None
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-2a(b)(1) § 60.482-2a(b)(2) § 60.482-2a(b)(2)(ii) § 60.482-2a(c)(1) [G]§ 60.482-	Comply with the requirements as stated in §60.482-2a for pumps in light liquid service.	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(2)(i) [G]§ 60.482-2a(d)(4) [G]§ 60.482-	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) § 60.486a(e)(7)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(3) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(xi)

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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)
					2a(c)(2) § 60.482-2a(d) [G]§ 60.482-2a(d)(1) § 60.482-2a(d)(2) § 60.482-2a(d)(3) [G]§ 60.482-2a(d)(6) [G]§ 60.482-2a(e) § 60.482-2a(f) [G]§ 60.482-2a(g) § 60.482-2a(h) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)		2a(d)(5) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	[G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) [G]§ 60.486a(h)	§ 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	60GGGa	VOC	40 CFR Part 60, Subpart GGGa	§ 60.592a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) § 60.482-8a(b) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b)	Comply with the requirements as stated in §60.482-8a for pumps in heavy liquid service.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.593a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

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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]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k) § 60.592a(d) § 60.592a(e)				
851-FUG	EU	60VVa-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-10a(b) § 60.482-10a(a) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Vapor recovery systems (for example, condensers and absorbers) shall be designed and operated to recover the VOC emissions vented to them with an efficiency of 95 percent or greater, or to an exit concentration of 20 parts per million by volume, whichever is less stringent.	§ 60.482-10a(e) § 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	60VVa-ALL	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-10a(d) § 60.18 § 60.482-10a(a) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Flares used to comply with this subpart shall comply with the requirements of §60.18.	§ 60.482-10a(e) § 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(g)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	60VVa-ALL	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.482-10a(g) § 60.482-10a(a)	Closed vent system leaks, as indicated by an	§ 60.485a(a) [G]§ 60.485a(b)(1)	[G]§ 60.482-10a(l) § 60.485a(b)(2)	§ 60.487a(a) § 60.487a(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)
					[G]§ 60.482-10a(f) § 60.482-10a(h) § 60.482-10a(i) [G]§ 60.482-10a(j) [G]§ 60.482-10a(k) § 60.482-10a(m) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	instrument reading greater than 500 ppmv above background or by visual inspections, shall be repaired as soon as practicable except as provided in paragraph (h) of this section.	§ 60.485a(b)(2) [G]§ 60.485a(d)	[G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 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)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [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) § 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)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)

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851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2) § 63.648(i)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-5(a) [G]§ 60.482-5(b) § 60.482-5(c) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for sampling connection systems complying with §60.482-5.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in gas/vapor service or in	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(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)
					§ 60.482-7(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)	light liquid service complying with §60.482-7.	[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)	§ 60.486(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(e) § 63.642(f) § 63.655(d)(2)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

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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)
					§ 60.482-8(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)	complying with §60.482-8.	[G]§ 60.485(e) § 60.485(f)	§ 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)	§ 63.642(f) § 63.655(d)(2)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in heavy liquid service complying with §60.482-8.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b)	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)

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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)
					§ 60.482-8(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)	
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-10(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)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d) § 60.486(k) § 63.642(b)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(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)
					§ 63.642(n)	service.		§ 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 63.642(f) § 63.655(d)(2)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g) § 63.642(b) § 63.642(n)	Compressors in hydrogen service are exempt from the requirements of §63.648(a) and (c) if an owner or operator demonstrates that a compressor is in hydrogen service. §63.648(g)(1)-(2).	[G]§ 63.648(g)	§ 63.648(h) § 63.655(d)(3) § 63.655(i)	None
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(j)(1) § 63.642(b) § 63.642(n) [G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(ii) [G]§ 63.648(j)(3)(v) [G]§ 63.648(j)(6) [G]§ 63.648(j)(7)	Except during a pressure release, operate each pressure relief device in organic HAP gas or vapor service with an instrument reading of less than 500 ppm above background as detected by Method 21 of 40 CFR part 60, appendix A-7.	[G]§ 63.648(j)(2) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.648(j)(3)(iii) § 63.648(j)(3)(iv)	§ 63.648(h) [G]§ 63.648(j)(3)(i) [G]§ 63.648(j)(3)(ii) § 63.655(i) § 63.655(i)(11) § 63.655(i)(11)(i) § 63.655(i)(11)(ii) [G]§ 63.655(i)(11)(iii) § 63.655(i)(6)	§ 63.642(f) § 63.648(j)(3)(iii) § 63.655(f) [G]§ 63.655(f)(1)(vii) § 63.655(g) [G]§ 63.655(g)(10) § 63.655(g)(14)
851-FUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.486(k) § 63.642(b) § 63.642(n) § 63.648(a)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for open-ended valves or lines complying with §60.482-6.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i) § 63.655(i)(6)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 63.642(f) § 63.655(d)(2)
90-T5001	EU	115-TK07	VOC	30 TAC Chapter	§ 115.112(b)(1)	Tanks shall not store VOC	§ 115.114(b)(2)	§ 115.118(b)(2)	§ 115.114(b)(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)
				115, Storage of VOCs	§ 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(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(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(4)(B)
90-T5001	EU	60KB-TK01	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)
90-T5002	EU	115-TK07	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(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(b)(2) § 115.114(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)

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					§ 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(4)(A)	Table II(a).			
90-T5002	EU	60KB-TK01	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)
90-T5003	EU	115-TK07	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(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(b)(2) § 115.114(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)
90-T5003	EU	60KB-	VOC	40 CFR Part 60,	[G]§ 60.112b(a)(2)	Storage vessels specified in	[G]§ 60.113b(b)(1)	§ 60.115b	§ 60.113b(b)(4)(iii)

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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)
		TK01		Subpart Kb		§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)(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)	[G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
90-T5004	EU	115-TK07	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(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(b)(2) § 115.114(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)
90-T5004	EU	60KB-TK01	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)

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						§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)
90-T5005	EU	115-TK07	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(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(b)(2) § 115.114(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)
90-T5005	EU	60KB-TK01	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6) § 60.113b(b)(6)(i) § 60.113b(b)(6)(ii) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)		
90-T5006	EU	115-TK07	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(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(b)(2) § 115.114(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)
90-T5006	EU	60KB-TK01	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)	§ 60.115b [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(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2) § 60.116b(e)(2)(i)		
90-T5007	EU	115-TK07	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(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(b)(2) § 115.114(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)
90-T5007	EU	60KB-TK01	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)		
90-T5008	EU	115-TK07	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(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(b)(2) § 115.114(b)(3) § 115.114(b)(4) § 115.114(b)(4)(A) [G]§ 115.117	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)
90-T5008	EU	60KB-TK01	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)
91-T4001	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A)	Tanks shall not store VOC unless the required pressure is maintained, or	§ 115.114(b)(2) § 115.114(b)(3) § 115.114(b)(4)	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(2)(B) § 115.114(b)(4)(B)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.112(b)(2)(F) § 115.114(b)(2)(A) § 115.114(b)(4)(A)	they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(b)(4)(A) [G]§ 115.117		
91-T4001	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)
91-T4001	EU	63CC-TK01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.655(h)(6) § 63.655(h)(6)(ii)
91-T4001	EU	63CC-TK02	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)
91-T4002	EU	63CC-TK01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2) § 63.642(b) § 63.642(n)	All storage vessels associated with petroleum refining process units meeting the criteria in §63.640(a) are part of the affected source.	§ 63.660(a)(1) § 63.660(a)(2)	§ 63.655(g)(7)(ii) § 63.655(i) § 63.655(i)(1)(vi) § 63.655(i)(6) § 63.660(a)(1)	§ 63.642(f) § 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(14) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.655(h)(6) § 63.655(h)(6)(ii)
91-T4003	EU	63CC-TK01	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)
CAUSTLOAD	EU	115-LOAD03	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(3)(A) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Plants, excluding gasoline bulk plants, which load less than 20,000 gallons of VOC into transport vessels per day with a true vapor pressure greater than or equal to 1.5 psia is exempt from the division, except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None
DEGRSR1-MS	EU	115-DEGR1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) [G]§ 115.412(1)(A) § 115.412(1)(B) § 115.412(1)(C) § 115.412(1)(D) § 115.412(1)(E) [G]§ 115.412(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	None	None
DEGRSR2-ES	EU	115-SOLV11	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.411(5)	In Gregg, Nueces, and Victoria Counties, degreasing operations located on any property that can emit, when uncontrolled, a combined weight of VOC < 550 pounds in any consecutive 24-hour period are exempt	None	§ 115.416 § 115.416(3)	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						from §115.412 of this title.			
DEGRSR3-PS	EU	115-SOLV11	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.411(5)	In Gregg, Nueces, and Victoria Counties, degreasing operations located on any property that can emit, when uncontrolled, a combined weight of VOC < 550 pounds in any consecutive 24-hour period are exempt from §115.412 of this title.	None	§ 115.416 § 115.416(3)	None
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.322(5)	No valve (gaseous service) may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3)	No connector, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(5)	No pressure relief valve in gaseous service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(C) § 115.324(4) § 115.324(5) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet	§ 115.322(1) § 115.322(2)	No pressure relief valve in gaseous service, as	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
				Ref B Counties	§ 115.322(3) § 115.327(5)	described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).			
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No compressor seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(2) § 115.324(2)(A) § 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.327(3) § 115.327(6)	No compressor seal, as described in § 115.327(3), (5) or (6), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.327(1)	Valves of nominal size of 2" (5 cm) or less are exempt, provided allowable emissions from sources affected by this division after controls are applied with exemptions will not exceed by more than 5.0% such allowable emissions with no exemptions.	None	None	§ 115.327(1)(A) § 115.327(1)(B) § 115.327(1)(C)
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No pump seal may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found,	§ 115.324 § 115.324(1) § 115.324(1)(A) § 115.324(3) § 115.324(4)	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(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)
						except as provided in §115.322(2).	§ 115.324(6) [G]§ 115.325		
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3)	No connector may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324(4) § 115.324(6) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4) § 115.327(3) § 115.327(5)	No valve in liquid service, as described in § 115.327(3) or (5), may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	[G]§ 115.325	[G]§ 115.326(1) § 115.326(5)	[G]§ 115.326(1) § 115.327(4)
FGRS-FUG	EU	R5322-FGRS	VOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	§ 115.322(1) § 115.322(2) § 115.322(3) § 115.322(4)	No valve in liquid service may be allowed to have a VOC leak as defined in §101.1 for more than 15 calendar days after the leak is found, except as provided in §115.322(2).	§ 115.324 § 115.324(1) § 115.324(1)(B) § 115.324(4) § 115.324(6) [G]§ 115.324(7) [G]§ 115.325	[G]§ 115.326(1) [G]§ 115.326(2) [G]§ 115.326(3) § 115.326(5)	[G]§ 115.324(7) [G]§ 115.326(1) § 115.327(4)
FGRS-FUG	EU	60GGG-FGRS	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)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

**Applicable Requirements Summary**

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

**Applicable Requirements Summary**

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

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.592(d) § 60.592(e)		[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)	§ 60.486(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)	
GRP11VENT	EP	115-VENT01	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP15VENT	EP	115-VENT04	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0%	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						oxygen for combustion devices).			
GRP17VENT	EP	115-VENT04	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(3)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
GRP1HTR	EU	60J-FUEL01	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 <sub>2</sub> 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)
GRP20VENT	EP	115-VENT06	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(1)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).			
GRP21VENT	EP	115-VENT06	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(b) § 115.121(b) § 115.122(b)(1)	For all persons in Nueces and Victoria Counties, any vent gas streams affected by §115.121(b) of this title must be controlled properly with a control efficiency of at least 90% or to a VOC concentration of no more than 20 ppmv (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2)	None
GRP3BOILER	EU	60J-FUEL01	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 <sub>2</sub> 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)
GRP3BOILER	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.7540(a)(10) § 63.7540(a)(13)	conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7560(b) § 63.7560(c)	[G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
GRP4WPCF	EU	63CC-TK01	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)
GRP5WPR O	EU	115TK-05	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.114(b)(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(b)(1)(A) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(1)(B)
GRP5WPR O	EU	60KB-TK01	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP5WPRO	EU	61FF-TANK	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
GRP5WPRO	EU	63CC-TK03	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(8) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 63.642(b) § 63.642(n)	Floating roof storage vessels described by §63.640(n)(2) are to comply with 40 CFR part 60, subpart Kb, except as provided in §63.640(n)(8)(i)-(vii).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.1063(c)(2)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(ii)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 63.1063(c)(2)(iv)(B) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
GRPVENDTKS	EU	115TK-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1)	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).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(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)
SLUDGELO AD	EU	115-LOAD02	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
WP-SRU	EU	R112	SO <sub>2</sub>	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a)	No person may cause, suffer, allow, or permit emissions of SO <sub>2</sub> 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)
WP-SRU	EU	60J-SRU01	SO <sub>2</sub>	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 <sub>2</sub> 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)
WP-SRU	EU	63UUU-WP-SRU	SO <sub>2</sub>	40 CFR Part 63, Subpart UUU	§ 63.1568(a)(1)-Table 29.1.a § 63.1568(a)(1) § 63.1568(a)(2) § 63.1568(a)(2)-Table 30.1	For each new or existing Claus SRU part of a sulfur recovery plant with design capacity greater than 20 long tons per day and subject to NSPS for sulfur	§ 63.1568(b)(1) § 63.1568(b)(1)-Table 31.1.a § 63.1568(b)(1)-Table 31.1.a § 63.1568(b)(1)-Table 31.5 § 63.1568(c)(1)-	§ 63.1568(b)(1)-Table 31.1.a § 63.1568(c)(1)-Table 34.1.a § 63.1570(c) § 63.1570(d)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(c)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1568(a)(2)-Table 30.6 § 63.1568(a)(3) § 63.1568(a)(4) § 63.1568(a)(4)(i) § 63.1568(a)(4)(iii) § 63.1568(b)(3) § 63.1568(b)(4) § 63.1568(b)(5) § 63.1568(b)(5)-Table 33.1.a § 63.1568(c)(1) § 63.1568(c)(1)-Table 35.1 § 63.1568(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d)	oxides in 40 CFR §60.104(a)(2) or §60.102a(f)(1), you must meet the emission limit for each process vent of 250 ppmv (dry basis) of sulfur dioxide (SO <sub>2</sub> ) at zero percent excess air if you use an oxidation or reduction control system followed by incineration.	Table 34.1.a § 63.1568(c)(1)-Table 35.5.a § 63.1568(c)(1)-Table 35.5.b § 63.1571(a) § 63.1571(a)(1) [G]§ 63.1571(b) § 63.1572(a) § 63.1572(a)(1) § 63.1572(a)(1)-Table 40.5 § 63.1572(a)(1)-Table 40.9 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d)	[G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1574(d) § 63.1574(d)-Table 42.1 § 63.1574(d)-Table 42.2 § 63.1574(d)-Table 42.3 § 63.1575(a) § 63.1575(a)-Table 43.1 § 63.1575(a)-Table 43.2 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(k) [G]§ 63.1575(k)(1) [G]§ 63.1575(k)(2) [G]§ 63.1575(l) [G]§ 63.1576(b)

**Additional Monitoring Requirements**

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### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: WP-SRU	
Control Device ID No.: 554-ME5	Control Device Type: Sulfur recovery unit with incinerator
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R112
Pollutant: SO <sub>2</sub>	Main Standard: § 112.7(a)
<b>Monitoring Information</b>	
Indicator: SO <sub>2</sub> emission rate	
Minimum Frequency: four times per hour	
Averaging Period: hourly	
Deviation Limit: SO <sub>2</sub> emission rate exceeds 1,057 lb/hr	
<p>CAM Text: Measure and record the concentration of SO<sub>2</sub> in the exhaust stream of the control device with a continuous monitoring system (CEMS). In addition, measure and record the oxygen or carbon dioxide concentration of the flue gas with a CEMS. This monitored data shall be used to calculate a lb/hr SO<sub>2</sub> emission rate.</p> <p>The CEMS shall be operated in accordance with 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B. Any calculated SO<sub>2</sub> emission rate (calculated in lb/hr) above the deviation limit shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 525-V-8	
Control Device ID No.: 527-H2	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is less than 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
<b>Monitoring Information</b>	
Indicator: Records of heater construction	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Maintain records sufficient to demonstrate that the vent is introduced into the flame zone.	
Periodic Monitoring Text: Keep a record of the heater construction specifications (e.g. engineering drawings) which demonstrate that the vent stream is introduced into the flame zone.	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 525-V9	
Control Device ID No.: 527-H2	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is less than 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
<b>Monitoring Information</b>	
Indicator: Records of heater construction	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Maintain records sufficient to demonstrate that the vent is introduced into the flame zone.	
Periodic Monitoring Text: Keep a record of the heater construction specifications (e.g. engineering drawings) which demonstrate that the vent stream is introduced into the flame zone.	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 546-H99	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-VENT01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: Visible emissions or an opacity greater than 15% averaged over a six minute period.	
<p>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.</p> <p>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 a Test Method 9 is performed, the opacity limit is the corresponding opacity limit associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 546-V13	
Control Device ID No.: 546-H1	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
<b>Monitoring Information</b>	
Indicator: Fuel use records	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Periods when fuel use records are not available shall be considered deviations, if this unit is operating.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 546-V18	
Control Device ID No.: 546-H2	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Period of operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: All periods that are not recorded shall be considered and reported as a deviation.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 546-V27	
Control Device ID No.: 546-H1	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Fuel use records	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Periods when fuel records are not available shall be considered deviations, if this vent is operating.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 546-V28	
Control Device ID No.: 546-H2	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
<b>Monitoring Information</b>	
Indicator: Period of operation	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: All periods that are not recorded shall be considered and reported as a deviation.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 552-T1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-05
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Recorded finding of inspection	
Minimum Frequency: Annual	
Averaging Period: N/A	
Deviation Limit: Repairs are not completed nor is the tank taken out of service when monitoring data indicates that the roof is not in compliance per 30 TAC § 115.114(b)(1).	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal 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 internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation if the repairs are not completed within the timeframe provided in 30 TAC 115.114(b)(1) .</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 552-T2	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-05
Pollutant: VOC	Main Standard: § 115.112(b)(1)
<b>Monitoring Information</b>	
Indicator: Recorded finding of inspection	
Minimum Frequency: Annual	
Averaging Period: N/A	
Deviation Limit: Repairs are not completed nor is the tank taken out of service when monitoring data indicates that the roof is not in compliance per 30 TAC § 115.114(b)(1).	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal 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 internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation if the repairs are not completed within the timeframe provided in 30 TAC 115.114(b)(1) .</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 572-CPI1	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: 115-OWS01
Pollutant: VOC	Main Standard: § 115.132(b)(1)
<b>Monitoring Information</b>	
Indicator: Recorded finding of inspection	
Minimum Frequency: Quarterly	
Averaging Period: N/A	
Deviation Limit: Repairs are not completed in accordance to 30 TAC §115.322(2) for a potential leak interface other than a seal around a shaft that passes through a cover opening with monitoring greater than or equal to 500 ppmv. Repairs are not completed in accordance with 30 TAC §115.322(2).	
Periodic Monitoring Text: Measure and record the VOC concentration using a portable analyzer to monitor VOC concentration around the immediate area of the compartment in accordance with 40 CFR Part 60, Appendix A, Method 21. Each potential leak interface (a location where organic vapor leakage could occur) on the cover and associated closure devices shall be checked. Potential leak interfaces that are associated with covers and closure devices include, but are not limited to: the interface of the cover and its foundation mounting; the periphery of any opening on the cover and its associated closure device; and the sealing seat interface on a spring-loaded pressure relief valve. The owner or operator may choose to adjust the detection instrument readings for the background organic concentration level. For a potential leak interface other than a seal around a shaft that passes through a cover opening, the maximum deviation limit shall be 500 ppmv. For a seal around a shaft that passes through a cover opening the maximum deviation limit shall be 10,000 ppmv. The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data greater than the maximum VOC limit indicated in the Deviation Limit and not repaired in accordance to 30 TAC §115.322(2) or removed from service above shall be considered and reported as a deviation as required by 30 TAC § 122.145(2).	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 572-CPI1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: 115-OWS02
Pollutant: VOC	Main Standard: § 115.132(b)(3)
Monitoring Information	
Indicator: Recorded inspection of finding	
Minimum Frequency: Quarterly	
Averaging Period: N/A	
Deviation Limit: Repairs are not completed in accordance to 30 TAC §115.322(2) for a potential leak interface other than a seal around a shaft that passes through a cover opening with monitoring greater than or equal to 500 ppmv. Repairs are not completed in accordance with 30 TAC §115.322(2).	
Periodic Monitoring Text: Measure and record the VOC concentration using a portable analyzer to monitor VOC concentration around the immediate area of the compartment in accordance with 40 CFR Part 60, Appendix A, Method 21. Each potential leak interface (a location where organic vapor leakage could occur) on the cover and associated closure devices shall be checked. Potential leak interfaces that are associated with covers and closure devices include, but are not limited to: the interface of the cover and its foundation mounting; the periphery of any opening on the cover and its associated closure device; and the sealing seat interface on a spring-loaded pressure relief valve. The owner or operator may choose to adjust the detection instrument readings for the background organic concentration level. For a potential leak interface other than a seal around a shaft that passes through a cover opening, the maximum deviation limit shall be 500 ppmv. For a seal around a shaft that passes through a cover opening the maximum deviation limit shall be 10,000 ppmv. The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data greater than the maximum VOC limit indicated in the Deviation Limit and not repaired in accordance to 30 TAC §115.322(2) or removed from service above shall be considered and reported as a deviation as required by 30 TAC § 122.145(2).	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 573-V2	
Control Device ID No.: 573-ME1	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT03
Pollutant: VOC	Main Standard: § 115.122(b)
<b>Monitoring Information</b>	
Indicator: Presence of a pilot flame	
Minimum Frequency: once per hour	
Averaging Period: N/A	
Deviation Limit: Absence of a pilot flame	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 585-T6019	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-03
Pollutant: VOC	Main Standard: § 115.112(b)(1)
<b>Monitoring Information</b>	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Inadequate or Missing Tank Construction Specifications	
<p>Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 585-T6019	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-03
Pollutant: VOC	Main Standard: § 115.112(b)(1)
<b>Monitoring Information</b>	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: N/A	
Deviation Limit: Questionable integrity of fill pipe, not repaired before refilling	
<p>Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: 590V036	
Control Device ID No.: 573-ME1	Control Device Type: Flare
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: 115-OWS01
Pollutant: VOC	Main Standard: § 115.132(b)(3)
<b>Monitoring Information</b>	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Absence of a pilot flame	
<p>Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: DEGRSR1-MS	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: 115-DEGR1
Pollutant: VOC	Main Standard: § 115.412(1)
<b>Monitoring Information</b>	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be considered and reported as a deviation.	
Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation.	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRP15VENT	
Control Device ID No.: 546-H1	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
<b>Monitoring Information</b>	
Indicator: Fuel use records	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Periods when fuel use records are not available shall be considered deviations, if this vent is operating.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP17VENT	
Control Device ID No.: 546-H2	Control Device Type: Steam generating unit (boiler)/process heater (design heat input is greater than or equal to 44 megawatts)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT04
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Fuel use records	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Periods when fuel use records are not available shall be considered deviations, if this vent is operating.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP20VENT	
Control Device ID No.: 554-ME5	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT06
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Combustion temperature	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Any monitoring data below the established minimum combustion temperature of 1300 F shall be considered a deviation.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. Establish a minimum combustion temperature using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP21VENT	
Control Device ID No.: 554-ME5	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: 115-VENT06
Pollutant: VOC	Main Standard: § 115.122(b)
Monitoring Information	
Indicator: Combustion temperature	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Any monitoring data below the established minimum combustion temperature of 1300 F shall be considered a deviation.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. Establish a minimum combustion temperature using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP5WPRO	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-05
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: N/A	
Deviation Limit: Repairs shall be made or the tank taken out of service if monitoring data indicates that the roof is not in compliance with 30 TAC § 115.114(b)(1).	
<p>Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal 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 internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPVENDTKS	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-3
Pollutant: VOC	Main Standard: § 115.112(b)(1)
<b>Monitoring Information</b>	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: N/A	
Averaging Period: N/A	
Deviation Limit: Inadequate or Missing Tank Construction Specifications	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPVENDTKS	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-3
Pollutant: VOC	Main Standard: § 115.112(b)(1)
<b>Monitoring Information</b>	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: N/A	
Deviation Limit: Questionable structural integrity of fill pipe, not repaired before refilling	
<p>Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.</p>	

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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
090-P-02A	N/A	40 CFR Part 60, Subpart IIII	The construction date of the fire pump compression ignition internal combustion engine falls before July 11, 2005. Fire pump engine manufactured in 1970.
090-P-02A	N/A	40 CFR Part 60, Subpart JJJJ	Not a spark ignition internal combustion engine.
090-P-02B	N/A	40 CFR Part 60, Subpart IIII	The construction date of the fire pump compression ignition internal combustion engine falls before July 11, 2005. Fire pump engine manufactured in 1970.
090-P-02B	N/A	40 CFR Part 60, Subpart JJJJ	Not a spark ignition internal combustion engine.
090-P-02C	N/A	40 CFR Part 60, Subpart IIII	The construction date of the fire pump compression ignition internal combustion engine falls before July 11, 2005. Fire pump engine manufactured in 1970.
090-P-02C	N/A	40 CFR Part 60, Subpart JJJJ	Not a spark ignition internal combustion engine.
091-P-001	N/A	40 CFR Part 60, Subpart IIII	The construction date of the fire pump compression ignition internal combustion engine falls before July 11, 2005. Fire pump engine manufactured in 1970.
091-P-001	N/A	40 CFR Part 60, Subpart JJJJ	Not a spark ignition internal combustion engine.
091-P-100	N/A	40 CFR Part 60, Subpart IIII	The construction date of the fire pump compression ignition internal combustion engine falls before July 11, 2005. Fire pump engine manufactured in 1970.
091-P-100	N/A	40 CFR Part 60, Subpart JJJJ	Not a spark ignition internal combustion engine.
517-FUG	N/A	40 CFR Part 60, Subpart GGG	These equipment leaks are not subject to NSPS

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			GGG because they are subject to the requirements of MACT CC, which supersedes NSPS GGG per the overlap provisions of 63.640(p).
517-FUG	N/A	40 CFR Part 60, Subpart VV	Equipment is located in a process unit that does not produce as an intermediate or final product any chemical listed in 40 CFR 60.489.
517-FUG	N/A	40 CFR Part 61, Subpart J	These fugitive components are not intended to operate in benzene service.
517-FUG	N/A	40 CFR Part 61, Subpart V	Equipment associated with this unit is not intended to operate in VHAP service.
521-CT1	N/A	40 CFR Part 63, Subpart Q	Cooling Tower has not been operated with chromium-based water treatment chemicals on or after 9/8/94.
521-FUG	N/A	40 CFR Part 60, Subpart GGG	These equipment leaks are not subject to NSPS GGG because they are subject to the requirements of MACT CC, which supersedes NSPS GGG per the overlap provisions of 63.640(p).
521-FUG	N/A	40 CFR Part 60, Subpart VV	Equipment is located in a process unit that does not produce as an intermediate or final product any chemical listed in 40 CFR 60.489.
521-FUG	N/A	40 CFR Part 61, Subpart J	These fugitive components are not intended to operate in benzene service.
521-FUG	N/A	40 CFR Part 61, Subpart V	Equipment associated with this unit is not intended to operate in VHAP service.
521-H1	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heaters do not combust liquid fuel.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
521-P-067	N/A	40 CFR Part 60, Subpart JJJJ	Not a spark ignition internal combustion engine.
521-T405	N/A	30 TAC Chapter 115, Storage of VOCs	The vapor pressure of the product stored is less than 1.5 psia and the tank is not equipped with an external floating roof.
521-T405	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is below 75 cubic meters
521-T405	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
521-T405	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
521-T405	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility
521-T405	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
521-TK0001	N/A	30 TAC Chapter 115, Storage of VOCs	The vapor pressure of the product stored is less than 1.5 psia and the tank is not equipped with an external floating roof.
521-TK0001	N/A	40 CFR Part 60, Subpart Ka	This tank does not store a petroleum liquid.
521-TK0008	N/A	30 TAC Chapter 115, Storage of VOCs	The vapor pressure of the product stored is less than 1.5 psia and the tank is not equipped with an external floating roof.
521-TKFRAC	N/A	30 TAC Chapter 115, Storage of VOCs	The vapor pressure of the product stored is less than 1.5 psia and the tank is not equipped with an external floating roof.
521-TKFRAC	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity is less than 75 cubic meters.
521-V-9	N/A	30 TAC Chapter 115, Vent Gas Controls	Gas streams routed to the fuel gas system do not meet the definition of a vent.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
521-V-9	N/A	40 CFR Part 63, Subpart CC	Gas streams routed to a fuel gas system are excluded from the definition of miscellaneous process vent.
521TK008	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia and does not have an external floating roof.
521TK008	N/A	40 CFR Part 60, Subpart K	Tank volume below 151,412 liters (40,000 gallons).
521TK008	N/A	40 CFR Part 60, Subpart Ka	Tank volume below 151,412 liters (40,000 gallons).
521TK008	N/A	40 CFR Part 60, Subpart Kb	Tank was constructed before July 23, 1984
521TK105	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia and does not have an external floating roof.
521TK105	N/A	40 CFR Part 60, Subpart K	Tank volume below 151,412 liters (40,000 gallons).
521TK105	N/A	40 CFR Part 60, Subpart Ka	Tank volume below 151,412 liters (40,000 gallons).
521TK105	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is below 75 cubic meters
521TK105	N/A	40 CFR Part 63, Subpart CC	Tank volume below 40 cubic meters.
521TK106	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia and does not have an external floating roof.
521TK106	N/A	40 CFR Part 60, Subpart K	Tank volume below 151,412 liters (40,000 gallons).

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
521TK106	N/A	40 CFR Part 60, Subpart Ka	Tank volume below 151,412 liters (40,000 gallons).
521TK106	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is below 75 cubic meters
521TK106	N/A	40 CFR Part 63, Subpart CC	Tank volume below 40 cubic meters.
525-V5A12	N/A	40 CFR Part 63, Subpart CC	Coking unit vent is excluded from the definition of miscellaneous process vent.
525-V5A8	N/A	40 CFR Part 63, Subpart CC	Coking unit vent is excluded from definition of miscellaneous process vent.
525-V5B12	N/A	40 CFR Part 63, Subpart CC	Coking unit vent is excluded from the definition of miscellaneous process vent.
525-V5B8	N/A	40 CFR Part 63, Subpart CC	Coking unit vent is excluded from the definition of miscellaneous process vent.
525/526FUG	N/A	40 CFR Part 60, Subpart GGG	These equipment leaks are not subject to NSPS GGG because they are subject to the requirements of MACT CC, which supersedes NSPS GGG per the overlap provisions of 63.640(p).
525/526FUG	N/A	40 CFR Part 60, Subpart VV	Equipment is located in a process unit that does not produce as an intermediate or final product any chemical listed in 40 CFR 60.489.
525/526FUG	N/A	40 CFR Part 61, Subpart J	These fugitive components are not intended to operate in benzene service.
525/526FUG	N/A	40 CFR Part 61, Subpart V	Equipment associated with this unit is not intended to operate in VHAP service.
527-H1	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heaters do not combust liquid fuel.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
527-H2	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heaters are not subject to 30 TAC Chapter 112, since they do not combust liquid fuel.
527-V-11	N/A	40 CFR Part 60, Subpart NNN	Facility does not produce chemicals listed in 60.667
546-FUG99A	N/A	40 CFR Part 60, Subpart GGG	These equipment leaks are not subject to NSPS GGG because they are subject to the requirements of MACT CC, which supersedes NSPS GGG per the overlap provisions of 63.640(p).
546-FUG99A	N/A	40 CFR Part 60, Subpart VV	Equipment is located in a process unit that does not produce as an intermediate or final product any chemical listed in 40 CFR 60.489.
546-FUG99A	N/A	40 CFR Part 61, Subpart J	These equipment leaks are not subject to NESHAP J because they are subject to the requirements of MACT CC, which supersedes NESHAP J per the overlap provisions of 63.640(p).
546-FUG99A	N/A	40 CFR Part 61, Subpart V	These equipment leaks are not subject to NESHAP V because they are subject to the requirements of MACT CC, which supersedes NESHAP V per the overlap provisions of 63.640(p).
546-H1	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heaters are not subject to 30 TAC Chapter 112, since they do not combust liquid fuel.
546-H5	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heaters do not combust liquid fuel.
546-H6	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heaters do not combust liquid fuel.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
546-V13	N/A	40 CFR Part 60, Subpart III	Facility does not produce chemicals listed in 60.617
546-V13	N/A	40 CFR Part 60, Subpart RRR	Facility does not produce chemicals listed in 60.707
546-V18	N/A	40 CFR Part 60, Subpart III	Facility does not produce chemicals listed in 60.617
546-V18	N/A	40 CFR Part 60, Subpart RRR	Facility does not produce chemicals listed in 60.707
546-V27	N/A	40 CFR Part 60, Subpart III	Facility does not produce chemicals listed in 60.617
546-V27	N/A	40 CFR Part 60, Subpart RRR	Facility does not produce chemicals listed in 60.707
546-V28	N/A	40 CFR Part 60, Subpart III	Facility does not produce chemicals listed in 60.617
546-V28	N/A	40 CFR Part 60, Subpart RRR	Facility does not produce chemicals listed in 60.707
546TK100	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia and does not have an external floating roof.
546TK100	N/A	40 CFR Part 60, Subpart K	Tank volume below 151,412 liters (40,000 gallons).
546TK100	N/A	40 CFR Part 60, Subpart Ka	Tank volume below 151,412 liters (40,000 gallons).
546TK100	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is below 75 cubic meters
546TK100	N/A	40 CFR Part 63, Subpart CC	Tank volume below 40 cubic meters.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
546TK101	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia and does not have an external floating roof.
546TK101	N/A	40 CFR Part 60, Subpart K	Tank volume below 151,412 liters (40,000 gallons).
546TK101	N/A	40 CFR Part 60, Subpart Ka	Tank volume below 151,412 liters (40,000 gallons).
546TK101	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is below 75 cubic meters
546TK101	N/A	40 CFR Part 63, Subpart CC	Tank volume below 40 cubic meters.
547-H1	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heaters do not combust liquid fuel.
547-H2	N/A	30 TAC Chapter 112, Sulfur Compounds	Process heaters do not combust liquid fuel.
553-FUG	N/A	40 CFR Part 60, Subpart GGG	Construction and any modifications or reconstructions all commenced prior to January 4, 1983.
553-FUG	N/A	40 CFR Part 60, Subpart VV	Equipment is located in a process unit that does not produce as an intermediate or final product any chemical listed in 40 CFR 60.489.
553-FUG	N/A	40 CFR Part 61, Subpart J	These fugitive components are not intended to operate in benzene service.
553-FUG	N/A	40 CFR Part 61, Subpart V	Equipment associated with this unit is not intended to operate in VHAP service.
553-FUG	N/A	40 CFR Part 63, Subpart CC	Equipment associated with this unit is not intended to operate in OHAP service.
553-S-PIT	N/A	30 TAC Chapter 115, Vent Gas Controls	This vent is not expected to have VOC emissions.

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<b>Unit / Group / Process ID No.</b>	<b>Group / Inclusive Units</b>	<b>Regulation</b>	<b>Basis of Determination</b>
555TK005	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia and does not have an external floating roof.
555TK005	N/A	40 CFR Part 60, Subpart K	Tank volume is below 151,412 liters (40,000 gallons).
555TK005	N/A	40 CFR Part 60, Subpart Ka	Tank volume below 151,412 liters (40,000 gallons).
555TK005	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is below 75 cubic meters
561-FUG99B	N/A	40 CFR Part 60, Subpart GGG	Construction and any modifications or reconstructions all commenced prior to January 4, 1983.
561-FUG99B	N/A	40 CFR Part 60, Subpart VV	Equipment is located in a process unit that does not produce as an intermediate or final product any chemical listed in 40 CFR 60.489.
561-FUG99B	N/A	40 CFR Part 61, Subpart J	These fugitive components are not intended to operate in benzene service.
561-FUG99B	N/A	40 CFR Part 61, Subpart V	Equipment associated with this unit is not intended to operate in VHAP service.
561-FUG99B	N/A	40 CFR Part 63, Subpart CC	This equipment is associated with a process unit that does not meet the definition of a petroleum refining process unit because it is not used for the operations listed in 63.641.
566-G-001	N/A	40 CFR Part 60, Subpart IIII	The construction date of the emergency generator compression ignition internal combustion engine falls before July 11, 2005. Emergency generator engine manufactured in 1982.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
566-G-001	N/A	40 CFR Part 60, Subpart JJJJ	Not a spark ignition internal combustion engine.
566-TK0101	N/A	30 TAC Chapter 115, Storage of VOCs	This tank holds less than 1,000 gallons.
566-TK0101	N/A	40 CFR Part 60, Subpart Kb	This tank has a capacity less than 10,600 gallons.
566-TK0101	N/A	40 CFR Part 63, Subpart CC	This tank's storage capacity is less than 40 cubic meters (10,567 gallons).
566TK0101	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia and does not have an external floating roof.
566TK0101	N/A	40 CFR Part 60, Subpart K	Tank volume below 151,412 liters (40,000 gallons).
566TK0101	N/A	40 CFR Part 60, Subpart Ka	Tank volume below 151,412 liters (40,000 gallons).
566TK0101	N/A	40 CFR Part 63, Subpart CC	Tank volume below 40 cubic meters.
572-CPI1	N/A	40 CFR Part 63, Subpart VV	This separator is not subject to another subpart of 40 CFR Parts 60, 61, or 63 that refers to this subpart.
572-TK0002	N/A	30 TAC Chapter 115, Storage of VOCs	This tank holds less than 1,000 gallons.
572-TK0002	N/A	40 CFR Part 60, Subpart Ka	This tank does not store a petroleum liquid.
572-WWT	N/A	40 CFR Part 60, Subpart VV	Equipment is located in a process unit that does not produce as an intermediate or final product any chemical listed in 40 CFR 60.489.
572-WWT	N/A	40 CFR Part 61, Subpart J	These fugitive components are not intended to operate in benzene service.
572-WWT	N/A	40 CFR Part 61, Subpart V	Equipment associated with this unit is not

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			intended to operate in VHAP service.
572-WWT	N/A	40 CFR Part 63, Subpart CC	This equipment is associated with a process unit that does not meet the definition of a petroleum refining process unit because it is not used for the operations listed in 63.641.
573-V2	N/A	40 CFR Part 60, Subpart III	Facility does not produce chemicals listed in 60.617
573-V2	N/A	40 CFR Part 60, Subpart NNN	Facility does not produce chemicals listed in 60.667
573-V2	N/A	40 CFR Part 60, Subpart RRR	Facility does not produce chemicals listed in 60.707
581-CT1	N/A	40 CFR Part 63, Subpart Q	Cooling Tower has not been operated with chromium-based water treatment chemicals on or after 9/8/94.
585-T6019	N/A	40 CFR Part 60, Subpart Ka	This tank has a storage capacity below 40,000 gallons.
585-TK0104	N/A	30 TAC Chapter 115, Storage of VOCs	This tank is part of a motor vehicle fuel dispensing facility and has a capacity less than 25,000 gallons.
585-TK0104	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity does not equal or exceed 75 cubic meters
585-TK0104	N/A	40 CFR Part 63, Subpart CC	This tank's storage capacity is less than 40 cubic meters (10,567 gallons).
585-TK0105	N/A	30 TAC Chapter 115, Storage of VOCs	The vapor pressure of the product stored is less than 1.5 psia and the tank is not equipped with an external floating roof.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
585-TK0105	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity does not equal or exceed 75 cubic meters
585-TK0105	N/A	40 CFR Part 63, Subpart CC	This tank's storage capacity is less than 40 cubic meters (10,567 gallons).
585TK6015	N/A	40 CFR Part 60, Subpart Ka	This is a Group 1 tank in compliance with the provisions of 40 CFR Part 63, Subpart CC.
590-CT1	N/A	40 CFR Part 63, Subpart Q	Cooling Tower has not been operated with chromium-based water treatment chemicals on or after 9/8/94.
90-T103	N/A	30 TAC Chapter 115, Storage of VOCs	The tank has a storage capacity less than 1000 gallons
90-T103	N/A	40 CFR Part 60, Subpart K	The tank has a storage capacity less than 151,412 liters (40,000 gallons)
90-T103	N/A	40 CFR Part 60, Subpart Ka	The tank has a storage capacity less than 151,416 liters (40,000 gallons)
90-T103	N/A	40 CFR Part 60, Subpart Kb	The tank has a storage capacity less than 75 cubic meters
90-T103	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T103	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
90-T103	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores diesel, not a hazardous waste)
90-T103	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T103	N/A	40 CFR Part 63, Subpart CC	The tank has a storage capacity less than 40

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			cubic meters, and, thus, does not meet the 40 CFR Part 63, Subpart CC definition of storage vessel
90-T103	N/A	40 CFR Part 63, Subpart EEEE	The tank stores diesel, which is excluded from the definition of organic liquid
90-T103	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
90-T104	N/A	30 TAC Chapter 115, Storage of VOCs	The tank has a capacity less than 1000 gallons
90-T104	N/A	40 CFR Part 60, Subpart K	The tank has a storage capacity less than 151,412 liters (40,000 gallons)
90-T104	N/A	40 CFR Part 60, Subpart Ka	The tank has a storage capacity less than 151,416 liters (40,000 gallons)
90-T104	N/A	40 CFR Part 60, Subpart Kb	The tank has a storage capacity less than 75 cubic meters
90-T104	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T104	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
90-T104	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores diesel, not a hazardous waste)
90-T104	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T104	N/A	40 CFR Part 63, Subpart CC	The tank has a storage capacity less than 40 cubic meters, and, thus, does not meet the 40 CFR Part 63, Subpart CC definition of storage vessel

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
90-T104	N/A	40 CFR Part 63, Subpart EEEE	The tank stores diesel, which is excluded from the definition of organic liquid
90-T104	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
90-T105	N/A	30 TAC Chapter 115, Storage of VOCs	The tank has a capacity less than 1000 gallons
90-T105	N/A	40 CFR Part 60, Subpart K	The tank has a storage capacity less than 151,412 liters (40,000 gallons)
90-T105	N/A	40 CFR Part 60, Subpart Ka	The tank has a storage capacity less than 151,416 liters (40,000 gallons)
90-T105	N/A	40 CFR Part 60, Subpart Kb	The tank has a storage capacity less than 75 cubic meters
90-T105	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T105	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
90-T105	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores diesel, not a hazardous waste)
90-T105	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T105	N/A	40 CFR Part 63, Subpart CC	The tank has a storage capacity less than 40 cubic meters, and, thus, does not meet the 40 CFR Part 63, Subpart CC definition of storage vessel
90-T105	N/A	40 CFR Part 63, Subpart EEEE	The tank stores diesel, which is excluded from the definition of organic liquid

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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
90-T105	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
90-T5001	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T5001	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
90-T5001	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores crude oil, not a hazardous waste)
90-T5001	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T5001	N/A	40 CFR Part 63, Subpart CC	The tank is already subject to control requirements under NSPS Subpart Kb, therefore it does not have to comply with 40 CFR Part 63, Subpart CC
90-T5001	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63, Subpart CC, therefore it is excluded as an affected source subject to 40 CFR Part 63 Subpart EEEE
90-T5001	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subparts F, G, and H
90-T5002	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T5002	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
90-T5002	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores crude oil, not a hazardous waste)

### Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
90-T5002	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T5002	N/A	40 CFR Part 63, Subpart CC	The tank is already subject to control requirements under NSPS Subpart Kb, therefore it does not have to comply with 40 CFR Part 63, Subpart CC
90-T5002	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63, Subpart CC, therefore it is excluded as an affected source subject to 40 CFR Part 63 Subpart EEEE
90-T5002	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
90-T5003	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T5003	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
90-T5003	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores crude oil, not a hazardous waste)
90-T5003	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T5003	N/A	40 CFR Part 63, Subpart CC	The tank is already subject to control requirements under NSPS Subpart Kb, therefore it does not have to comply with 40 CFR Part 63, Subpart CC
90-T5003	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63, Subpart CC, therefore it is excluded as an affected source subject to 40 CFR Part 63

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			Subpart EEEE
90-T5003	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
90-T5004	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T5004	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
90-T5004	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores crude oil, not a hazardous waste)
90-T5004	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T5004	N/A	40 CFR Part 63, Subpart CC	The tank is already subject to control requirements under NSPS Subpart Kb, therefore it does not have to comply with 40 CFR Part 63, Subpart CC
90-T5004	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63, Subpart CC, therefore it is excluded as an affected source subject to 40 CFR Part 63 Subpart EEEE
90-T5004	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
90-T5005	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T5005	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
90-T5005	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores crude oil, not a

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			hazardous waste)
90-T5005	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T5005	N/A	40 CFR Part 63, Subpart CC	The tank is already subject to control requirements under NSPS Subpart Kb, therefore it does not have to comply with 40 CFR Part 63, Subpart CC
90-T5005	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63, Subpart CC, therefore it is excluded as an affected source subject to 40 CFR Part 63 Subpart EEEE
90-T5005	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
90-T5006	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T5006	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
90-T5006	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores crude oil, not a hazardous waste)
90-T5006	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T5006	N/A	40 CFR Part 63, Subpart CC	The tank is already subject to control requirements under NSPS Subpart Kb, therefore it does not have to comply with 40 CFR Part 63, Subpart CC
90-T5006	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63,

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			Subpart CC, therefore it is excluded as an affected source subject to 40 CFR Part 63 Subpart EEEE
90-T5006	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
90-T5007	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T5007	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
90-T5007	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores crude oil, not a hazardous waste)
90-T5007	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T5007	N/A	40 CFR Part 63, Subpart CC	The tank is already subject to control requirements under NSPS Subpart Kb, therefore it does not have to comply with 40 CFR Part 63, Subpart CC
90-T5007	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63, Subpart CC, therefore it is excluded as an affected source subject to 40 CFR Part 63 Subpart EEEE
90-T5007	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
90-T5008	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
90-T5008	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt

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<b>Unit / Group / Process ID No.</b>	<b>Group / Inclusive Units</b>	<b>Regulation</b>	<b>Basis of Determination</b>
90-T5008	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores crude oil, not a hazardous waste)
90-T5008	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
90-T5008	N/A	40 CFR Part 63, Subpart CC	The tank is already subject to control requirements under NSPS Subpart Kb, therefore it does not have to comply with 40 CFR Part 63, Subpart CC
90-T5008	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63, Subpart CC, therefore it is excluded as an affected source subject to 40 CFR Part 63 Subpart EEEE
90-T5008	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
91-T103	N/A	30 TAC Chapter 115, Storage of VOCs	The tank has a capacity less than 1000 gallons
91-T103	N/A	40 CFR Part 60, Subpart K	The tank has a storage capacity less than 151,412 liters (40,000 gallons)
91-T103	N/A	40 CFR Part 60, Subpart Ka	The tank has a storage capacity less than 151,416 liters (40,000 gallons)
91-T103	N/A	40 CFR Part 60, Subpart Kb	The tank has a storage capacity less than 75 cubic meters
91-T103	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
91-T103	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
91-T103	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			disposal facility (tank stores diesel, not a hazardous waste)
91-T103	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
91-T103	N/A	40 CFR Part 63, Subpart CC	The tank has a storage capacity less than 40 cubic meters, and, thus, does not meet the 40 CFR Part 63, Subpart CC definition of storage vessel
91-T103	N/A	40 CFR Part 63, Subpart EEEE	The tank stores diesel, which is excluded from the definition of organic liquid
91-T103	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
91-T104	N/A	30 TAC Chapter 115, Storage of VOCs	The tank has a capacity less than 1000 gallons
91-T104	N/A	40 CFR Part 60, Subpart K	The tank has a storage capacity less than 151,412 liters (40,000 gallons)
91-T104	N/A	40 CFR Part 60, Subpart Ka	The tank has a storage capacity less than 151,416 liters (40,000 gallons)
91-T104	N/A	40 CFR Part 60, Subpart Kb	The tank has a storage capacity less than 75 cubic meters
91-T104	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
91-T104	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
91-T104	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores diesel, not a hazardous waste)

### Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
91-T104	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
91-T104	N/A	40 CFR Part 63, Subpart CC	The tank has a storage capacity less than 40 cubic meters, and, thus, does not meet the 40 CFR Part 63, Subpart CC definition of storage vessel
91-T104	N/A	40 CFR Part 63, Subpart EEEE	The tank stores diesel, which is excluded from the definition of organic liquid
91-T104	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
91-T4001	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
91-T4001	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
91-T4001	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores diesel, not a hazardous waste)
91-T4001	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
91-T4001	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63, Subpart CC, therefore it is excluded as an affected source subject to 40 CFR Part 63 Subpart EEEE
91-T4001	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
91-T4002	N/A	30 TAC Chapter 115, Storage of VOCs	The tank stores product with a vapor pressure

### Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			less than 1.0 psia and is not subject to control requirements or recordkeeping under Chapter 115
91-T4002	N/A	40 CFR Part 60, Subpart K	The tank does not store a petroleum liquid. The product (diesel) does not meet the definition of a petroleum liquid as defined in 40 CFR §60.111(b)
91-T4002	N/A	40 CFR Part 60, Subpart Ka	The tank does not store a petroleum liquid. The product (diesel) does not meet the definition of a petroleum liquid as defined in 40 CFR §60.111a(b)
91-T4002	N/A	40 CFR Part 60, Subpart Kb	Not an affected facility as the storage vessel has a capacity greater than 151 cubic meters and stores a liquid with a maximum true vapor pressure less than 3.5 kilopascals
91-T4002	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
91-T4002	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
91-T4002	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores diesel, not a hazardous waste)
91-T4002	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
91-T4002	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63, Subpart CC, therefore it is excluded as an affected source subject to 40 CFR Part 63 Subpart EEEE
91-T4002	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
91-T4003	N/A	30 TAC Chapter 115, Storage of VOCs	The tank stores product with a vapor pressure less than 1.0 psia and is not subject to control requirements or recordkeeping under Chapter 115
91-T4003	N/A	40 CFR Part 60, Subpart K	The tank does not store a petroleum liquid. The product (diesel) does not meet the definition of a petroleum liquid as defined in 40 CFR §60.111(b)
91-T4003	N/A	40 CFR Part 60, Subpart Ka	The tank does not store a petroleum liquid. The product (diesel) does not meet the definition of a petroleum liquid as defined in 40 CFR §60.111a(b)
91-T4003	N/A	40 CFR Part 60, Subpart Kb	Not an affected facility as the storage vessel has a capacity greater than 151 cubic meters and stores a liquid with a maximum true vapor pressure less than 3.5 kilopascals
91-T4003	N/A	40 CFR Part 60, Subpart QQQ	This is not an affected facility
91-T4003	N/A	40 CFR Part 60, Subpart UU	The tank does not store asphalt
91-T4003	N/A	40 CFR Part 61, Subpart FF	Not a hazardous waste treatment, storage, and disposal facility (tank stores diesel, not a hazardous waste)
91-T4003	N/A	40 CFR Part 61, Subpart Y	The tank does not store industrial or refined grade benzene
91-T4003	N/A	40 CFR Part 63, Subpart EEEE	The tank is already subject to 40 CFR Part 63, Subpart CC, therefore it is excluded as an

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			affected source subject to 40 CFR Part 63 Subpart EEEE
91-T4003	N/A	40 CFR Part 63, Subpart G	The tank is not associated with a chemical manufacturing process unit that is subject to 40 CFR Part 63, Subpart F, G, and H
DEGRSR1-MS	N/A	40 CFR Part 63, Subpart T	These solvent degreasers do not use solvents containing methylene chloride, trichloroethylene, perchloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, or chloroform.
DEGRSR2-ES	N/A	40 CFR Part 63, Subpart T	These solvent degreasers do not use solvents containing methylene chloride, trichloroethylene, perchloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, or chloroform.
DEGRSR3-PS	N/A	40 CFR Part 63, Subpart T	These solvent degreasers do not use solvents containing methylene chloride, trichloroethylene, perchloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, or chloroform.
DIESEL TANK	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank storing VOC with a true vapor pressure less than 1.5 psia and does not have an external floating roof.
DIESEL TANK	N/A	40 CFR Part 60, Subpart K	Tank volume below 151,412 liters (40,000 gallons).
DIESEL TANK	N/A	40 CFR Part 60, Subpart Ka	Tank volume below 151,412 liters (40,000 gallons).
DIESEL TANK	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is below 75 cubic meters
DIESEL TANK	N/A	40 CFR Part 63, Subpart CC	Tank volume below 40 cubic meters.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GASUNLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Motor vehicle fuel dispensing facilities, as defined in 30 TAC §101.1, are exempt from the requirements of 30 TAC 115, Subchapter C, Division 1.
GRP10VENT	527-V-1, 527-V-2	30 TAC Chapter 115, Vent Gas Controls	Gas streams routed to the fuel gas system do not meet the definition of a vent.
GRP10VENT	527-V-1, 527-V-2	40 CFR Part 63, Subpart CC	Gas streams routed to a fuel gas system are excluded from the definition of miscellaneous process vent.
GRP12VENT	521-V11, 522-V19A/B, 525-V11, 561-V13	30 TAC Chapter 115, Vent Gas Controls	Gas streams routed to the fuel gas system do not meet the definition of a vent.
GRP12VENT	521-V11, 522-V19A/B, 525-V11, 561-V13	40 CFR Part 63, Subpart CC	Gas streams routed to the fuel gas system are excluded from the definition of miscellaneous process vent.
GRP14VENT	553-V8, 561-JCMTR	30 TAC Chapter 115, Vent Gas Controls	Gas streams routed to the fuel gas system do not meet the definition of a vent.
GRP14VENT	553-V8, 561-JCMTR	40 CFR Part 63, Subpart CC	Gas streams routed to a fuel gas system are excluded from the definition of miscellaneous process vent.
GRP15VENT	546-V24, 546-V25	40 CFR Part 60, Subpart III	Facility does not produce chemicals listed in 60.617
GRP15VENT	546-V24, 546-V25	40 CFR Part 60, Subpart RRR	Facility does not produce chemicals listed in 60.707
GRP17VENT	546-V22, 546-V23	40 CFR Part 60, Subpart III	Facility does not produce chemicals listed in 60.617
GRP17VENT	546-V22, 546-V23	40 CFR Part 60, Subpart RRR	Facility does not produce chemicals listed in

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			60.707
GRP20VENT	554-V3, 554-V4	40 CFR Part 60, Subpart III	Facility does not produce chemicals listed in 60.617
GRP20VENT	554-V3, 554-V4	40 CFR Part 60, Subpart RRR	Facility does not produce chemicals listed in 60.707
GRP21VENT	552-V5, 555-V16	40 CFR Part 60, Subpart NNN	Facility does not produce chemicals listed in 60.667
GRP22VENT	521-V7, 522-E10A, 555-V10	30 TAC Chapter 115, Vent Gas Controls	Gas streams routed to the fuel gas system do not meet the definition of a vent.
GRP22VENT	521-V7, 522-E10A, 555-V10	40 CFR Part 60, Subpart NNN	Facility does not produce chemicals listed in 60.667
GRP22VENT	521-V7, 522-E10A, 555-V10	40 CFR Part 63, Subpart CC	Gas streams routed to the fuel gas system are excluded from the definition of miscellaneous process vent.
GRP3BOILER	561-B1, 561-B2, 561-B3	30 TAC Chapter 112, Sulfur Compounds	Boilers do not combust liquid or solid fossil fuel.
GRP3BOILER	561-B1, 561-B2, 561-B3	40 CFR Part 60, Subpart D	Boilers do not generate more than 250 MMBtu/hr of heat input.
GRP3BOILER	561-B1, 561-B2, 561-B3	40 CFR Part 60, Subpart Db	Boilers were built before 6/19/84.
GRP3BOILER	561-B1, 561-B2, 561-B3	40 CFR Part 60, Subpart Dc	Boilers were built before 6/9/89.
GRP4WPCF	585-T6001, 585-T6002, 585-T6014, 585-T6017, 585-T6018	30 TAC Chapter 115, Storage of VOCs	The vapor pressure of the product stored is less than 1.5 psia and the tank is not equipped with an external floating roof.
GRP4WPCF	585-T6001, 585-T6002, 585-T6014, 585-T6017, 585-T6018	40 CFR Part 60, Subpart Ka	These tanks only store product with a Reid vapor pressure and maximum vapor pressure below 1.0 psia.

### Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRP5WPRO	585-T6011, 585-T6012	40 CFR Part 60, Subpart Ka	This is a Group 1 tank in compliance with the provisions of 40 CFR Part 63, Subpart CC.
GRP6WPRO	572-TK14A, 572-TK14B, 572-TK14C, 572-TK14D	30 TAC Chapter 115, Storage of VOCs	The tank stores product with a vapor pressure less than 1.0 psia and is not subject to control requirements or recordkeeping under Chapter 115
GRP6WPRO	572-TK14A, 572-TK14B, 572-TK14C, 572-TK14D	40 CFR Part 60, Subpart Ka	These tanks have storage capacities below 40,000 gallons.
GRP8OILY	572-T13A, 572-T13B	30 TAC Chapter 115, Storage of VOCs	The vapor pressure of the product stored is less than 1.5 psia and the tank is not equipped with an external floating roof.
GRP8OILY	572-T13A, 572-T13B	40 CFR Part 60, Subpart Ka	This tank does not store a petroleum liquid.
GRP9MDEA	554-T1, 554-T2, 555-T1, 555-T2	30 TAC Chapter 115, Storage of VOCs	The vapor pressure of the product stored is less than 1.5 psia and the tank is not equipped with an external floating roof.
GRP9MDEA	554-T1, 554-T2, 555-T1, 555-T2	40 CFR Part 60, Subpart Ka	These tanks store only non-petroleum products.
GRP9MDEA	554-T1, 554-T2, 555-T1, 555-T2	40 CFR Part 63, Subpart CC	The tank does not contain any organic hazardous air pollutants listed in table 1 of this subpart.
GRPVENDTKS	VENDORTKS	40 CFR Part 60, Subpart K	These tanks have a storage capacity less than 151,412 liters (40,000 gallons).
GRPVENDTKS	VENDORTKS	40 CFR Part 60, Subpart Ka	These tanks have a storage capacity less than 151,412 liters (40,000 gallons).
GRPVENDTKS	VENDORTKS	40 CFR Part 60, Subpart Kb	These tanks have a storage capacity less than 75 cubic meters (19,813 gallons).
GRPVENDTKS	VENDORTKS	40 CFR Part 63, Subpart CC	This tank has a storage capacity less than 40

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			cubic meters (10,567 gallons).

**New Source Review Authorization References**

**New Source Review Authorization References ..... 216**

**New Source Review Authorization References by Emission Unit ..... 217**

### 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.

<b>Prevention of Significant Deterioration (PSD) Permits</b>	
PSD Permit No.: PSDTX337M1	Issuance Date: 05/20/2025
PSD Permit No.: PSDTX408M3	Issuance Date: 05/20/2025
<b>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.</b>	
Authorization No.: 80810	Issuance Date: 01/03/2024
Authorization No.: 149680	Issuance Date: 05/20/2025
Authorization No.: 168104	Issuance Date: 06/01/2022
Authorization No.: 170246	Issuance Date: 10/20/2022
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 15	Version No./Date: 09/23/1982
Number: 51	Version No./Date: 08/30/1988
Number: 51	Version No./Date: 09/12/1989
Number: 53	Version No./Date: 08/30/1988
Number: 53	Version No./Date: 09/12/1989
Number: 58	Version No./Date: 05/12/1981
Number: 61	Version No./Date: 10/04/1995
Number: 62	Version No./Date: 05/12/1981
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: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000
Number: 106.533	Version No./Date: 07/04/2004

**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**
090-P-02A	C.I. FIRE PUMP ENGINE	106.511/09/04/2000
090-P-02B	C.I. FIRE PUMP ENGINE	106.511/09/04/2000
090-P-02C	C.I. FIRE PUMP ENGINE	106.511/09/04/2000
091-P-001	C.I. FIRE PUMP ENGINE	106.511/09/04/2000
091-P-100	C.I. FIRE PUMP ENGINE	106.511/09/04/2000
503-FUG	DOCK 3 PIPING FUGITIVES	149680, PSDTX337M1, PSDTX408M3
506-FUG	DOCK 6 PIPING FUGITIVES	149680, PSDTX337M1, PSDTX408M3, 106.261/11/01/2003 [168536]
517-FUG	MDHU PROCESS FUGITIVES	149680, PSDTX337M1, PSDTX408M3
521-CT1	W.P. COOLING TOWER	149680, PSDTX337M1, PSDTX408M3
521-FUG	COKER UNIT FUGITIVES	149680, PSDTX337M1, PSDTX408M3
521-H1	W.P. COKER CHARGE HEATER STACK	149680, PSDTX337M1, PSDTX408M3, 106.261/11/01/2003 [168898]
521-P-067	C.I. FIRE PUMP ENGINE	106.511/09/04/2000
521-T405	LEAN AMINE SURGE TANK	106.261/11/01/2003 [113569], 106.262/11/01/2003 [113569]
521-TK0001	W.P. TANK 521-TK0001	62/05/12/1981
521-TK0008	W.P. TANK 521-TK0008	62/05/12/1981
521-TKFRAC	W.P. TANK 521-TKFRAC	106.472/09/04/2000
521-V-9	COKER BLOWDOWN VENT	149680, PSDTX337M1, PSDTX408M3
521-V11	FUEL GAS KNOCKOUT DRUM	149680, PSDTX337M1, PSDTX408M3
521-V7	FRACTIONATOR OVERHEAD DRUM	149680, PSDTX337M1, PSDTX408M3

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
521TK008	MOBIL OIL/SLUDGE TANK	106.472/09/04/2000
521TK105	FILMER STORAGE TANK	106.472/09/04/2000
521TK106	KEROSENE STORAGE TANK	106.472/09/04/2000
521VENTA1	COKE DRUM VENT A1 (DEHEADING & PRESSURE TEST)	149680, PSDTX337M1, PSDTX408M3
521VENTA2	COKE DRUM VENT A2 (DEHEADING & PRESSURE TEST)	149680, PSDTX337M1, PSDTX408M3
521VENTB1	COKE DRUM VENT B1 (DEHEADING & PRESSURE TEST)	149680, PSDTX337M1, PSDTX408M3
521VENTB2	COKE DRUM VENT B2 (DEHEADING & PRESSURE TEST)	149680, PSDTX337M1, PSDTX408M3
522-E10A	DEBUTANIZER OVERHEAD CONDENSER	149680, PSDTX337M1, PSDTX408M3
522-V19A/B	SOUR OIL TRAP	149680, PSDTX337M1, PSDTX408M3
525-V-8	MEROX DISULFIDE SEPARATOR VENT	149680, PSDTX337M1, PSDTX408M3
525-V11	SPENT CAUSTIC DEGASSING DRUM	149680, PSDTX337M1, PSDTX408M3
525-V5A12	COKER A DRUM 12" STEAM VENT	149680, PSDTX337M1, PSDTX408M3
525-V5A8	COKER A DRUM 8" STEAM VENT	149680, PSDTX337M1, PSDTX408M3
525-V5B12	COKER A DRUM 12" STEAM VENT	149680, PSDTX337M1, PSDTX408M3
525-V5B8	COKER A DRUM 8" STEAM VENT	149680, PSDTX337M1, PSDTX408M3
525-V9	WATER BALANCE COLUMN	149680, PSDTX337M1, PSDTX408M3
525/526FUG	MEROX UNIT FUGITIVES	149680, PSDTX337M1, PSDTX408M3, 106.261/11/01/2003 [172341], 106.262/11/01/2003 [172341]
527-H1	W.P. M.D.H. CHARGE HEATER STACK	149680, PSDTX337M1, PSDTX408M3
527-H1	W.P.M.D.H. CHARGE HEATER STACK	149680, PSDTX337M1, PSDTX408M3

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
527-H2	W.P.M.D.H. REBOILER HEATER STACK	149680, PSDTX337M1, PSDTX408M3
527-V-1	MDH CRACKED FEED SURGE	149680, PSDTX337M1, PSDTX408M3
527-V-11	MDH FRACT OH RECEIVER VENT	149680, PSDTX337M1, PSDTX408M3
527-V-2	MDH MIXED FEED SURGE DRUM VENT	149680, PSDTX337M1, PSDTX408M3
546-FUG99A	W.P. NO. 5 PLATFORMER FUGITIVES	149680, PSDTX337M1, PSDTX408M3, 106.261/11/01/2003 [168536]
546-H1	NO. 5 PLATFORMER CHARGE HEATER	149680, PSDTX337M1, PSDTX408M3
546-H2	NO. 5 PLATFORMER CHARGE HEATER	149680, PSDTX337M1, PSDTX408M3
546-H3	NO. 5 PLATFORMER CHARGE HEATER	149680, PSDTX337M1, PSDTX408M3
546-H4	NO. 5 PLATFORMER CHARGE HEATER	149680, PSDTX337M1, PSDTX408M3
546-H5	DEPENTANIZER REBOILER HEATER	149680, PSDTX337M1, PSDTX408M3
546-H6	PLATFORMATE SPLITTER REBOILER HEATER	149680, PSDTX337M1, PSDTX408M3
546-H99	W.P. COMBINED HEATER STACK	149680, PSDTX337M1, PSDTX408M3
546-V13	LOCK HOPPER NO. 1 (TO FLARE OR TO 546-H1)	149680, PSDTX337M1, PSDTX408M3
546-V18	LOCK HOPPER NO. 2 (TO FLARE OR TO 546-H2)	149680, PSDTX337M1, PSDTX408M3
546-V22	VENT DRUM NO. 1 (TO 546-H2)	149680, PSDTX337M1, PSDTX408M3
546-V23	VENT DRUM NO. 2 (TO 546-H2)	149680, PSDTX337M1, PSDTX408M3
546-V24	VENT DRUM NO. 3 (TO 546-H1)	149680, PSDTX337M1, PSDTX408M3
546-V25	VENT DRUM NO. 4 (TO 546-H1)	149680, PSDTX337M1, PSDTX408M3
546-V26	CATALYTIC REFORMER	149680, PSDTX337M1, PSDTX408M3
546-V27	RECYCLE GAS COALESCER	149680, PSDTX337M1, PSDTX408M3

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
546-V28	BOOSTER GAS COALESCER (TO FLARE OR TO 546-H2)	149680, PSDTX337M1, PSDTX408M3
546TK100	FILMING AMINE TANK	106.472/09/04/2000
546TK101	NEUTRALIZER STORAGE TANK	106.261/11/01/2003 [150757]
547-H1	N.H.T. CAN HEATER	149680, PSDTX337M1, PSDTX408M3
547-H2	N.H.T. REBOILER STRIPPER HEATER	149680, PSDTX337M1, PSDTX408M3
552-T1	W.P. TANK 552-T1	149680, PSDTX337M1, PSDTX408M3
552-T2	TANK NO. 552-T2	149680, PSDTX337M1, PSDTX408M3
552-V5	SWS FLASH DRUM (TO INCINERATOR)	149680, PSDTX337M1, PSDTX408M3
553-FUG	SRU PROCESS FUGITIVES	149680, PSDTX337M1, PSDTX408M3, 106.261/11/01/2003 [172341], 106.262/11/01/2003 [172341]
553-S-PIT	MOLTEN SULFUR PIT (TO INCINERATOR)	149680, PSDTX337M1, PSDTX408M3
553-V8	H2 KNOCK OUT POT (TO FLARE)	149680, PSDTX337M1, PSDTX408M3
554-ME5	W.P. TAIL GAS INCINERATOR	149680, PSDTX337M1, PSDTX408M3
554-T1	W.P. TANK 554-TK0001	149680, PSDTX337M1, PSDTX408M3
554-T2	W.P. TANK 554-TK0002	149680, PSDTX337M1, PSDTX408M3
554-V3	QUENCH TOWER (TO FLARE OR INCINERATOR)	149680, PSDTX337M1, PSDTX408M3
554-V4	ABSORBER	149680, PSDTX337M1, PSDTX408M3
555-T1	W.P. TANK 555-TK0001	149680, PSDTX337M1, PSDTX408M3
555-T2	W.P. TANK 555-TK0002	149680, PSDTX337M1, PSDTX408M3
555-V10	SOUR GAS KO DRUM	149680, PSDTX337M1, PSDTX408M3

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
555-V16	LOW PRESSURE FLASH DRUM	149680, PSDTX337M1, PSDTX408M3
555TK005	LEAN AMINE SURGE TANK	106.472/09/04/2000
561-B1	W.P. BOILER NO. 1	149680, PSDTX337M1, PSDTX408M3
561-B2	W.P. BOILER NO. 2	149680, PSDTX337M1, PSDTX408M3
561-B3	W.P. BOILER NO. 3	149680, PSDTX337M1, PSDTX408M3
561-FUG99B	W.P. BOILER AREA FUGITIVES	149680, PSDTX337M1, PSDTX408M3
561-JCMTR	JAVELINA CHECK METER (TO FLARE)	149680, PSDTX337M1, PSDTX408M3
561-V13	UTILITY FUEL GAS KO DRUM DRAIN VENT	149680, PSDTX337M1, PSDTX408M3
566-G-001	C.I. EMERGENCY GENERATOR ENGINE	106.511/09/04/2000
566-TK0101	W.P. TANK 566-TK0101	58/05/12/1981
566TK0101	DIESEL STORAGE TANK	106.472/09/04/2000
572-CPI1	W.P. CPI OIL WATER SEPARATOR FUGITIVES	149680, PSDTX337M1, PSDTX408M3
572-T13A	W.P. TANK 13A	149680, PSDTX337M1, PSDTX408M3
572-T13B	W.P. TANK 13B	149680, PSDTX337M1, PSDTX408M3
572-TK0002	W.P. TANK 572-TK0002	15/09/23/1982
572-TK0214	W.P. TANK 572-TK0214	61, 61/10/04/1995, 106.472/09/04/2000
572-TK0215	W.P. TANK 572-TK0215	61, 61/10/04/1995, 106.472/09/04/2000
572-TK14A	W.P. TANK 14A	149680, 170246, PSDTX337M1, PSDTX408M3
572-TK14B	W.P. TANK 14B	149680, 170246, PSDTX337M1, PSDTX408M3
572-TK14C	W.P. TANK 14C	149680, 170246, PSDTX337M1, PSDTX408M3
572-TK14D	W.P. TANK 14D	149680, 170246, PSDTX337M1, PSDTX408M3

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
572-WWT	WASTEWATER TREATING AREA FUGITIVES	170246, 106.261/11/01/2003 [164589], 106.532/09/04/2000
573-ME1	W.P. FLARE	80810, 149680, PSDTX337M1, PSDTX408M3
573-V2	WP FLARE GAS SEAL DRUM	149680, PSDTX337M1, PSDTX408M3
581-CT1	W.P. COOLING TOWER	8778A, PSDTX408M3
585-T6001	W.P. TANK 6001	149680, PSDTX337M1, PSDTX408M3
585-T6002	W.P. TANK 6002	149680, PSDTX337M1, PSDTX408M3
585-T6011	W.P. TANK 6011	149680, PSDTX337M1, PSDTX408M3
585-T6012	W.P. TANK 6012	149680, PSDTX337M1, PSDTX408M3
585-T6014	W.P. TANK 6014	149680, PSDTX337M1, PSDTX408M3, 58/05/12/1981
585-T6017	W.P. TANK 6017	149680, PSDTX337M1, PSDTX408M3
585-T6018	W.P. TANK 6018	149680, PSDTX337M1, PSDTX408M3
585-T6019	W.P. TANK 585-TK6019	149680, PSDTX337M1, PSDTX408M3
585-TK0104	W.P. TANK 585-TK0104	53/09/12/1989
585-TK0105	W.P. TANK 585-TK0105	51/09/12/1989
585TK6015	W.P. TANK 6015	149680, PSDTX337M1, PSDTX408M3
590-CT1	ULSD COOLING TOWER	149680, PSDTX337M1, PSDTX408M3
590-FUG	ULSD FUGITIVES	149680, PSDTX337M1, PSDTX408M3
590-H1	ULSD CHARGE HEATER	149680, PSDTX337M1, PSDTX408M3
590-H2	ULSD REBOILER HEATER	149680, PSDTX337M1, PSDTX408M3

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
590V036	SOUR WATER/OIL WATER SEPARATOR	106.532/09/04/2000
851-FUG	TANK FARM FUGITIVES	149680, PSDTX337M1, PSDTX408M3
90-T103	TANK NO. 90. TK-103	149680, PSDTX337M1, PSDTX408M3
90-T104	TANK NO. 90. TK-104	149680, PSDTX337M1, PSDTX408M3
90-T105	TANK NO. 90. TK-105	149680, PSDTX337M1, PSDTX408M3
90-T5001	TANK NO. 5001	149680, PSDTX337M1, PSDTX408M3, 106.478/09/04/2000
90-T5002	TANK NO. 5002	149680, PSDTX337M1, PSDTX408M3, 106.478/09/04/2000
90-T5003	TANK NO. 5003	149680, PSDTX337M1, PSDTX408M3, 106.478/09/04/2000
90-T5004	TANK NO. 5004	149680, PSDTX337M1, PSDTX408M3, 106.478/09/04/2000
90-T5005	TANK NO. 5005	149680, PSDTX337M1, PSDTX408M3
90-T5006	TANK NO. 5006	149680, PSDTX337M1, PSDTX408M3
90-T5007	TANK NO. 5007	149680, PSDTX337M1, PSDTX408M3
90-T5008	TANK NO. 5008	149680, PSDTX337M1, PSDTX408M3
91-T103	TANK NO. 91. TK-103	149680, PSDTX337M1, PSDTX408M3
91-T104	TANK NO. 91. TK-104	149680, PSDTX337M1, PSDTX408M3
91-T4001	TANK NO. 4001	149680, PSDTX337M1, PSDTX408M3
91-T4002	TANK NO. 4002	149680, PSDTX337M1, PSDTX408M3
91-T4003	TANK NO. 4003	149680, PSDTX337M1, PSDTX408M3

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
CAUSTLOAD	SPENT CAUSTIC LOADING	106.472/09/04/2000
DEGRSR1-MS	MAINTENANCE SHOP DEGREASER	106.454/11/01/2001 [133911]
DEGRSR2-ES	WP ELECTRICAL SHOP REMOTE SOLVENT DEGREASER	106.454/11/01/2001
DEGRSR3-PS	WP PIPE SHOP REMOTE SOLVENT DEGREASER	106.454/11/01/2001
DIESEL TANK	DIESEL STORAGE TANK	106.472/09/04/2000
FGRS-FUG	FLARE GAS RECOVERY FUGITIVES	149680, PSDTX337M1, PSDTX408M3
GASUNLOAD	WP MOTOR VEHICLE FUEL TANK UNLOADING	53/09/12/1989
SLUDGELOAD	SLUDGE LOADING	106.473/09/04/2000
VENDORTKS	W. P. VENDOR TANKS GREATER THAN 1,000 GALLONS	106.472/09/04/2000
WP-SRU	GAS SWEETENING/SULFUR RECOVERY UNIT PROCESS	149680, PSDTX337M1, PSDTX408M3

\*\*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..... 226**

Bryan W. Shaw, Ph.D., P.E., *Chairman*  
Toby Baker, *Commissioner*  
Jon Niermann, *Commissioner*  
Richard A. Hyde, P.E., *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

December 12, 2016

MS PAULETTE FONTENO  
HEALTH, SAFETY, SECURITY AND ENVIRONMENTAL MANAGER  
CITGO REFINING AND CHEMICALS COMPANY LP  
PO BOX 9176  
CORPUS CHRISTI TX 78469-9176

Re: Alternative Method of Compliance (AMOC) No. 68  
West Plant Flare Test Waiver  
Citgo Corpus Christi Refinery West Plant  
Regulated Entity Number: RN100238799  
Customer Reference Number: CN600127922  
Associated Permit Numbers: 8778A, PSDTX408M3, and O1420

Dear Ms. Fonteno:

This correspondence is in response to CITGO Refining and Chemicals Company L.P.'s (CITGO West's) request for a flare performance test waiver at the Citgo Corpus Christi Refinery West Plant and use of an AMOC to comply with 40 CFR 60 Subpart Ja - Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007 (NSPS Ja).

We understand that CITGO West is requesting an exemption from the requirement to demonstrate initial compliance with the H<sub>2</sub>S concentration requirements and to test the flare (Emission Point Number 555-S9 Acid Gas Flare) under §60.104a(a). Instead, CITGO West proposes to rely on the use of quarterly cylinder gas audits (CGAs) on the flare, and continuous emission monitoring system (CEMS) via an Extrel MAX300-IG mass spectrometer with both low and high sulfur spans, consistent with the requirements of §60.107a(e).

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

---

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December 12, 2016  
Page 2  
Ms. Paulette Fonteno

Re: Permit Numbers: 8778A, PSDTX408M3, and O1420

This AMOC approval may supersede certain requirements or representations in Permit Nos. 8778A and PSDTX408M3. To ensure effective and consistent enforceability, we request that CITGO West incorporate this AMOC into the permit(s) through submittal of alteration(s) no later than 90 days after this approval.

This approval may also change applicable requirements for the site, which are identified in the site operating permit (SOP) O1420. The TCEQ recommends the submittal of a SOP administrative revision if any changes are necessary. Changes meeting the criteria for an administrative revision can be operated before issuance of the revision if a complete application is submitted to the TCEQ and this information is maintained with the SOP records at the site.

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

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

Sincerely,



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

cc: Air Permits Section Chief, New Source Review Section (6PD-R), U.S. Environmental Protection Agency, Region 6, Dallas  
Rick Mendoza, Citgo Refining and Chemicals Company, LP  
Alexandra Magill Bromer, Perkins Cole LLP, Washington DC

Project Number: 258632



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8  
1445 ROSS AVENUE, SUITE 1200  
DALLAS, TX 75202-2733

FEB 24 2005

ENVIRONMENTAL AFFAIRS

FEB 28 2005

CORPUS CHRISTI REFINING

Mr. Mike Snides  
Manager, Environmental Affairs  
CITGO Refining and Chemicals Company L.P.  
P. O. Box 9176  
Corpus Christi, TX 78469-0321

Re: Request for Approval -  
Alternate Monitoring Plan, PSA Off-Gas  
New Source Performance Standards (NSPS)  
40 CFR Part 60, Subpart J  
West Plant #5 Platformer Regenerator Purge Gas Streams  
{ for 546-H1 + 546-H2 }

Dear Mr. Snides:

This letter is in response to your request for approval of an alternative monitoring plan (AMP), dated January 21, 2005. You stated in your AMP request that you are seeking approval of the use of certain recordkeeping and reporting requirements as an alternative to the monitoring in NSPS Part 60, Subpart J. You indicated that the AMP approval request is for the West Plant #5 Platformer Regenerator Purge Gas Streams, located at the Corpus Christi - West Plant, Texas facility, owned and operated by CITGO Refining and Chemicals Company L.P. ("CITGO").

Your AMP request letter, dated January 21, 2005, indicated that the #5 Platformer Regenerator Purge Gas Streams are refinery generated fuel gas streams. These vent gas streams are combusted in the #5 Platformer reactor Heater. You request the CEM requirement for H<sub>2</sub>S monitoring of these stream be waived. You propose that the gas stream be monitored using EPA guidance on alternative monitoring plans for low sulfur refinery fuel gas streams in lieu of an H<sub>2</sub>S CEM.

You stated that the #5 Platformer is a continuous catalytic reforming unit and converts low octane naphtha to high octane gasoline blending components and petrochemical feedstock. The feed to the unit is heavy naphtha that has been hydrotreated to remove sulfur. The target level is <0.5 ppmw sulfur in the #5 Platformer feed. You also supplied piping and instrumentation diagrams and a statement that there are no crossover or entry points for sour gas to enter the system. You propose to monitor the sulfur content of the feed stream to the #5 Platformer as an alternative parameter in lieu of an H<sub>2</sub>S CEM. You supplied 14 days of sample data for the H<sub>2</sub>S concentration of the recycle gas and the total sulfur content of the combined inlet feed stream to the #5 Platformer.

You stated that the #5 Platformer Feed is combined with hydrogen produced by the reforming process before entering the reforming reactors. A series of reactions promoted by the platinum catalyst converts the feed to reformatc. Hydrogen is also a product of the reformer. The catalyst is regenerated in a continuous process. Carrier gases, hydrogen from the process and purchased nitrogen are used in the catalyst circulation process. As a part of the catalyst

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transfer system, components are purges, pressurized, and depressurized. At the #5 Platformer regenerator, hydrogen containing purges are sent to one of four vent pots which in turn are sent to the Platformer Reactor Heater. These vent gas streams are combined with a fuel gas stream that is monitored with an H<sub>2</sub>S CEM before being combusted in the heater.

You stated that excessive sulfur in the #5 Platformer results in catalyst poisoning. Sulfur that is present in the feed will appear as H<sub>2</sub>S in the hydrogen recycle gas, which is sampled for as confirmation of the amount of sulfur in the feed. You estimated that 1 ppmw sulfur in the feed = 3 ppm H<sub>2</sub>S in the hydrogen recycle gas and the regenerator purge gas. A 5 ppmw total sulfur in the feed is expected to result in 15 ppm H<sub>2</sub>S in the recycle gas. You propose to monitor the total sulfur content of the feed to the #5 Platformer in lieu of an H<sub>2</sub>S CEM on the purge gas vent streams.

EPA Region 6 has reviewed the data you submitted. The H<sub>2</sub>S content of the 15 samples of the recycle gas varied from 0.8 ppm to a high of 1.5 ppm using stain tubes. The total sulfur content of the feed varied from 0 to 1.53 ppmw.

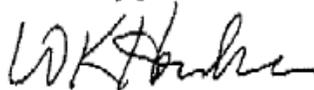
Based on the information that you submitted, the conditions stipulated in EPA policy guidance to Koch fuel, dated July 7, 2000, and pursuant to 40 CFR 60.13(l), EPA approves your request that no CEM need be installed for the purpose of monitoring the H<sub>2</sub>S in the #5 Platformer Regenerator Purge Gas Streams to the reformer heater. Instead, the total sulfur content of the combined feed to the #5 Platformer will serve as the alternative parameter. As a condition of this approval, CITGO will follow the steps below:

1. CITGO will monitor the total sulfur content of the feed to the #5 Platformer daily.
2. If the total sulfur content of the feed exceeds 5 ppmw, CITGO will begin H<sub>2</sub>S sampling the recycle hydrogen stream with Draeger tubes of the appropriate range, as detailed in the EPA policy memo to Koch Fuel. This sampling will be at a frequency of no less than once every 24 hours.
3. When the total sulfur content of the feed to the #5 Platformer falls below 5 ppm, CITGO may resume the use of that as an alternative parameter and return to the current step in the frequency of H<sub>2</sub>S monitoring schedule.

This approval of an AMP is based on the information submitted to EPA Region 6 on January 21, 2005. If any information is found that would reverse this determination, then it would become invalid and a new determination would be needed.

If you have any questions concerning this determination, please contact Ms. Anupa Ahuja of my staff at (214) 665-2701.

Sincerely yours,



William Honker  
Chief, Air/Toxics and Inspection  
Coordination Branch

cc: Allen Green  
CITGO  
1293 Eldridge Parkway  
Houston, Texas 77077

General Counsel  
CITGO  
1293 Eldridge Parkway  
Houston, Texas 77077

**Appendix A**

**Acronym List ..... 232**

## 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 <sub>2</sub> 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 <sub>x</sub>	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
SO <sub>2</sub>	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 ..... 234**

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
546-FUG99A	No. 5 Platformer Fugitives (5)	VOC	12.16	53.26	4, 30, 31, 34, 35	4, 30, 34, 35, 56	4, 30, 34
		H <sub>2</sub> S	0.03	0.11			
561-FUG99B	Boiler Area Fugitives (5)	VOC	0.69	3.04	3, 30, 31, 34, 35	3, 30, 34, 35, 56	3, 30, 34
		H <sub>2</sub> S	0.10	0.44			
517-FUG	MDHU Process Fugitives (5)	VOC	7.01	30.70	4, 30, 31, 33, 34, 35	4, 30, 33, 34, 35, 56	4, 30, 33, 34
		H <sub>2</sub> S	0.10	0.43			
		NH <sub>3</sub>	<0.01	<0.01			
521-FUG	Coker Unit Fugitives (5)	VOC	11.40	49.93	4, 30, 31, 34, 35	4, 30, 34, 35, 56	4, 30, 34
		H <sub>2</sub> S	0.61	2.68			
590-FUG	ULSD Fugitives (5)	VOC	4.79	21.00	3, 30, 31, 33, 34, 35	3, 30, 33, 34, 35, 56	3, 30, 33, 34
		H <sub>2</sub> S	0.19	0.84			
		NH <sub>3</sub>	0.01	0.04			
553-FUG	SRU Process Fugitives (5)	VOC	6.19	27.10	3, 30, 31, 34, 35	3, 30, 34, 35, 56	3, 30, 34
		H <sub>2</sub> S	1.41	6.16			

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
525/526FUG	WP Merox Fugitives (5)	VOC	2.46	10.79	4, 30, 31, 35	4, 30, 35, 56	4, 30
FGRS-FUG	Flare Gas Recovery Fugitives (5)	VOC	0.83	3.65	3, 30, 31	3, 30, 56	3, 30
		CO	0.01	0.01			
		H <sub>2</sub> S	<0.01	<0.01			
851-FUG	Piping Fugitives (5)	VOC	2.17	9.52	4, 30, 31, 34	4, 30, 34, 56	4, 30, 34
		H <sub>2</sub> S	0.01	0.04			
503-FUG	Dock 3 Fugitives (5)	VOC	0.46	1.29	4, 30, 31, 35	4, 30, 35, 56	4, 30
506-FUG	Dock 6 Fugitives (5)	VOC	0.03	0.12	4, 30, 31	4, 30, 56	4, 30
SULFURBLK	Sulfur Blocking (5)	H <sub>2</sub> S	0.58	2.56	47	47, 51	-
SULFURHAND	Sulfur Handling (5)	PM	0.12	0.54	47	47, 51	-
		PM <sub>10</sub>	0.06	0.26			
		PM <sub>2.5</sub>	0.01	0.04			
STOCKPILE	Stockpiles (5)	PM	-	0.22	-	-	-
		PM <sub>10</sub>	-	0.11			

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM <sub>2.5</sub>	-	0.02			
PAD DROP	Drop to Existing Operations Pad (5)	PM	1.24	0.23	-	-	-
		PM <sub>10</sub>	0.59	0.11			
		PM <sub>2.5</sub>	0.09	0.02			
PITLIFT	Lift from Pit (5)	PM	1.24	0.23	-	-	-
		PM <sub>10</sub>	0.59	0.11			
		PM <sub>2.5</sub>	0.09	0.02			
546-H99	Combined Heater Stack (7)	VOC	3.17	12.63	3, 4, 37	3, 4, 37, 50, 56	3, 4, 37
		NO <sub>x</sub>	70.60	281.42			
		SO <sub>2</sub>	15.52	22.88			
		PM	4.48	17.46			
		PM <sub>10</sub>	4.48	17.46			
		PM <sub>2.5</sub>	4.48	17.46			
		CO	21.75	86.59			

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
565-B1	Boiler No. 1	VOC	0.59	2.34	3, 4, 37, 38, 40, 41	3, 4, 37, 40, 41, 50, 52, 56	3, 4, 37, 41
		NO <sub>x</sub>	13.10	52.00			
		SO <sub>2</sub>	2.87	4.23			
		PM	0.81	3.23			
		PM <sub>10</sub>	0.81	3.23			
		PM <sub>2.5</sub>	0.81	3.23			
		CO	8.96	35.67			
565-B2	Boiler No. 2	VOC	0.59	2.34	3, 4, 37, 38, 40, 41	3, 4, 37, 40, 41, 50, 52, 56	3, 4, 37, 41
		NO <sub>x</sub>	13.10	52.00			
		SO <sub>2</sub>	2.87	4.23			
		PM	0.81	3.23			
		PM <sub>10</sub>	0.81	3.23			
		PM <sub>2.5</sub>	0.81	3.23			
		CO	8.96	35.67			

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
561-B3	No. 3 Boiler	VOC	0.53	2.34	3, 4	3, 4	3, 4
		NO <sub>x</sub>	11.87	51.98			
		SO <sub>2</sub>	2.61	4.23			
		PM	0.74	3.23			
		PM <sub>10</sub>	0.74	3.23			
		PM <sub>2.5</sub>	0.74	3.23			
		CO	8.14	35.67			
590-H1	ULSD Charge Heater (9)	CO	6.28	-	3, 4, 37, 48	3, 4, 37, 50, 54, 56	3, 4, 37
		NO <sub>x</sub>	2.98				
		PM	0.63				
		PM <sub>10</sub>	0.63				
		PM <sub>2.5</sub>	0.63				
		SO <sub>2</sub>	2.24				
		VOC	0.46				

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
590-H2	ULSD Reboiler Heater (9)	CO	6.06	-	3, 4, 37, 48	3, 4, 37, 50, 54, 56	3, 4, 37
		NO <sub>x</sub>	2.87				
		PM	0.61				
		PM <sub>10</sub>	0.61				
		PM <sub>2.5</sub>	0.61				
		SO <sub>2</sub>	2.16				
		VOC	0.44				
590-HCAP	ULSD Heater Cap	CO	-	27.04	-	-	-
		NO <sub>x</sub>		25.60			
		PM		5.45			
		PM <sub>10</sub>		5.45			
		PM <sub>2.5</sub>		5.45			
		SO <sub>2</sub>		7.15			
		VOC		3.94			

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
521-H1	Coker Heater	CO	3.10	13.58	3, 4, 37, 40, 44	3, 4, 37, 40, 44, 50, 52, 54, 56	3, 4, 37, 44
		NO <sub>x</sub>	12.40	54.31			
		PM	2.31	10.12			
		PM <sub>10</sub>	2.31	10.12			
		PM <sub>2.5</sub>	2.31	10.12			
		SO <sub>2</sub>	8.18	13.26			
		VOC	1.67	7.32			
527-H1	MDH Charge Heater	CO	5.10	22.35	3, 4, 37	3, 4, 37, 50, 54, 56	3, 4, 37
		NO <sub>x</sub>	7.43	32.56			
		PM	0.46	2.02			
		PM <sub>10</sub>	0.46	2.02			
		PM <sub>2.5</sub>	0.46	2.02			
		SO <sub>2</sub>	1.63	2.65			
		VOC	0.33	1.46			

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
527-H2	MDH Reboiler Heater	CO	6.78	29.68	3, 4, 37	3, 4, 37, 50, 54, 56	3, 4, 37
		NO <sub>x</sub>	9.87	43.25			
		PM	0.61	2.69			
		PM <sub>10</sub>	0.61	2.69			
		PM <sub>2.5</sub>	0.61	2.69			
		SO <sub>2</sub>	6.03	20.43			
		VOC	0.44	1.94			
546-V26	Continuous Regen Vent	HCl	0.19	0.85	15, 37	15, 37, 50, 56	37
		Cl <sub>2</sub>	0.35	1.54			
554-ME5	SRU Tail Gas Incinerator	CO	6.79	15.01	3, 4, 18, 37, 40, 42, 43, 49	3, 4, 18, 20, 21, 37, 40, 42, 43, 50, 52, 53, 56, 56	3, 4, 37, 42
		COS	1.10	4.82			
		CS <sub>2</sub>	0.37	1.61			
		H <sub>2</sub> S	0.48	1.75			
		NO <sub>x</sub>	3.64	15.94			

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	0.20	0.87			
		PM <sub>10</sub>	0.20	0.87			
		PM <sub>2.5</sub>	0.20	0.87			
		SO <sub>2</sub>	22.39	53.37			
		VOC	1.88	8.23			
574-ME-1	Process Emergency Flare (8)	VOC	<0.01	0.01	3, 4	3, 4	3, 4
		CO	0.10	0.46			
		NO <sub>x</sub>	0.01	0.06			
		SO <sub>2</sub>	<0.01	<0.01			
		H <sub>2</sub> S	<0.01	<0.01			
521-FCOKE	Coke Storage and Handling Facilities (5)	PM	1.24	0.23	-	-	-
		PM <sub>10</sub>	0.59	0.11			
		PM <sub>2.5</sub>	0.09	0.02			
572-CPI1	CPI Separator	VOC	8.03	35.16	3	3	3

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
590-CT1	ULSD Cooling Tower (5)	VOC	0.13	0.55	25, 27	25, 26, 27, 56	-
		PM	0.07	0.30			
		PM <sub>10</sub>	0.02	0.10			
		PM <sub>2.5</sub>	<0.01	0.01			
521-CT1	Cooling Tower 1 (5)	VOC	1.26	5.52	25, 27	25, 26, 27, 56	-
		PM	0.68	2.96			
		PM <sub>10</sub>	0.23	1.00			
		PM <sub>2.5</sub>	<0.01	0.01			
521VentA	Coker A Drum 8" & 12" Steam Vents (10)	VOC	242.13	-	-	55	-
		Benzene	1.28	-			
		PM	35.72	-			
		PM <sub>10</sub>	35.72	-			
		PM <sub>2.5</sub>	35.72	-			
521VentB		VOC	242.13	-	-	55	-

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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
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Coker B Drum 8" & 12" Steam Vents (10)	Benzene	1.28	-			
		PM	35.72	-			
		PM <sub>10</sub>	35.72	-			
		PM <sub>2.5</sub>	35.72	-			
521VCAP	Annual Cap for Coker Drums A & B (11)	VOC	-	36.44	-	-	-
		Benzene	-	0.30			
		PM	-	8.03			
		PM <sub>10</sub>	-	8.03			
		PM <sub>2.5</sub>	-	8.03			
552-T1	Tank No. 552-T1	VOC	0.25	0.77	3, 13, 14	3, 13, 14, 56	3
		H <sub>2</sub> S	<0.01	0.01			
		NH <sub>3</sub>	<0.01	<0.01			
552-T2	Tank No. 552-T2	VOC	0.22	0.69	3, 13, 14	3, 13, 14, 56	3
		H <sub>2</sub> S	<0.01	0.01			

### Major NSR Summary Table

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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
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NH <sub>3</sub>	<0.01	<0.01			
585-T6011	Tank No. 6011	VOC	1.33	-	3, 4, 13	3, 4, 13, 56	3, 4
		H <sub>2</sub> S	<0.01	-			
585-T6012	Tank No. 6012	VOC	1.26	-	3, 4, 13	3, 4, 13, 56	3, 4
		H <sub>2</sub> S	<0.01	-			
585SOTKCAP	Tank No. 6011/6012 Cap	VOC	-	7.28	-	-	-
		H <sub>2</sub> S	-	<0.01			
572-TK14A	Tank No. 14A	VOC	30.46	-	3	3, 13, 56	3
		H <sub>2</sub> S	<0.01	-			
572-TK14B	Tank No. 14B	VOC	30.49	-	3	3, 13, 56	3
		H <sub>2</sub> S	<0.01	-			
572-TK14C	Tank No. 14C	VOC	30.49	-	3	3, 13, 56	3
		H <sub>2</sub> S	<0.01	-			
572-TK14D	Tank No. 14D	VOC	30.49	-	3	3, 13, 56	3

### Major NSR Summary Table

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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
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		H <sub>2</sub> S	<0.01	-			
572TANKCAP	Tank No. 14A-D Cap	VOC	-	1.89	-	-	-
		H <sub>2</sub> S	-	<0.01			
554-T1	Tank No. 554-T1	VOC	<0.01	<0.01	3	3, 13, 56	3
		H <sub>2</sub> S	<0.01	<0.01			
554-T2	Tank No. 554-T2	VOC	0.01	<0.01	3	3, 13, 56	3
		H <sub>2</sub> S	<0.01	<0.01			
555-T1	Tank No. 555-T1	VOC	0.01	<0.01	3	3, 13, 56	3
		H <sub>2</sub> S	<0.01	<0.01			
555-T2	Tank No. 555-T2	VOC	0.01	<0.01	3	3, 13, 56	3
		H <sub>2</sub> S	<0.01	<0.01			
572-T13A	Tank No. 13A	VOC	6.84	0.76	3	3, 13, 56	3
		H <sub>2</sub> S	<0.01	<0.01			
572-T13B	Tank No. 13B	VOC	6.84	0.76	3	3, 13, 56	3

### Major NSR Summary Table

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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
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		H <sub>2</sub> S	<0.01	<0.01			
585-T6001	Tank No. 6001	VOC	3.93	-	3, 4	3, 4, 13, 56	3, 4
		H <sub>2</sub> S	<0.01	-			
585-T6002	Tank No. 6002	VOC	3.93	-	3, 4	3, 4, 13, 56	3, 4
		H <sub>2</sub> S	<0.01	-			
585COKERCAP	Tank No. 6001/6002 Cap	VOC	-	4.47	-	-	-
		H <sub>2</sub> S	-	<0.01			
585-T6014	Tank No. 6014	VOC	0.37	0.58	3, 4	3, 4, 13, 56	3, 4
		H <sub>2</sub> S	<0.01	<0.01			
585-T6017	Tank No. 6017	VOC	27.56	0.18	3, 4	3, 4, 13, 56	3, 4
		H <sub>2</sub> S	<0.01	<0.01			
585-T6018	Tank No. 6018	VOC	6.85	0.10	3, 4	3, 4, 13, 56	3, 4
		H <sub>2</sub> S	<0.01	<0.01			
585-T6019	Tank No. 6019	VOC	36.23	0.53	3, 4	3, 4, 13, 56	3, 4

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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
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		H <sub>2</sub> S	<0.01	<0.01			
90-T103	Tank No. 90-TK103	VOC	0.03	<0.01	-	13, 56	-
		H <sub>2</sub> S	<0.01	<0.01			
90-T104	Tank No. 90-TK104	VOC	0.03	<0.01	-	13, 56	-
		H <sub>2</sub> S	<0.01	<0.01			
90-T105	Tank No. 90-TK105	VOC	0.03	<0.01	-	13, 56	-
		H <sub>2</sub> S	<0.01	<0.01			
91-T103	Tank No. 91-TK103	VOC	0.03	<0.01	-	13, 56	-
		H <sub>2</sub> S	<0.01	<0.01			
91-T104	Tank No. 91-TK104	VOC	0.03	<0.01	-	13, 56	-
		H <sub>2</sub> S	<0.01	<0.01			
91-T4001	Tank No. 4001	VOC	0.47	-	4, 13	4, 13, 56	4
		H <sub>2</sub> S	<0.01	-			
91-T4002	Tank No. 4002	VOC	0.47	-	4, 13	4, 13, 56	4

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		H <sub>2</sub> S	<0.01	-			
91-T4003	Tank No. 4003	VOC	0.47	-	4, 13	4, 13, 56	4
		H <sub>2</sub> S	<0.01	-			
91DIETKCAP	Tank Nos. 4001-4003 Diesel Tank Cap	VOC	-	0.85	-	-	-
		H <sub>2</sub> S	-	<0.01			
90-T5001	Tank No. 5001	VOC	8.28	-	3, 13	3, 13, 56	3
		H <sub>2</sub> S	<0.01	-			
90-T5002	Tank No. 5002	VOC	10.16	-	3, 13	3, 13, 56	3
		H <sub>2</sub> S	0.01	-			
90-T5003	Tank No. 5003	VOC	10.16	-	3,13	3, 13, 56	3
		H <sub>2</sub> S	0.01	-			
90-T5004	Tank No. 5004	VOC	10.16	-	3, 13	3, 13, 56	3
		H <sub>2</sub> S	0.01	-			
90-T5005	Tank No. 5005	VOC	10.16	-	3, 13	3, 13, 56	3

### Major NSR Summary Table

Permit Number 149680, PSDTX337M1, and PSDTX408M3					Issuance Date: 05/20/2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		H <sub>2</sub> S	0.01	-			
90-T5006	Tank No. 5006	VOC	8.20	-	3, 13	3, 13, 56	3
		H <sub>2</sub> S	<0.01	-			
90-T5007	Tank No. 5007	VOC	8.28	-	3, 13	3, 13, 56	3
		H <sub>2</sub> S	<0.01	-			
90-T5008	Tank No. 5008	VOC	10.10	-	3, 13	3, 13, 56	3
		H <sub>2</sub> S	<0.01	-			
90CRUDECAP	Tank No. 5001- 5008 Crude CAP	VOC	-	20.45	-	-	-
		H <sub>2</sub> S	-	0.01			
585TK6015	Tank No. 6015	VOC	0.83	3.12	3, 4, 13	3, 4, 13, 56	3, 4
		H <sub>2</sub> S	<0.01	<0.01			

- (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<sub>x</sub> – total oxides of nitrogen  
 CO – carbon monoxide  
 PM – total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>

PM<sub>10</sub> – total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>

PM<sub>2.5</sub> – particulate matter equal to or less than 2.5 microns in diameter

SO<sub>2</sub> – sulfur dioxide

H<sub>2</sub>S – hydrogen sulfide

NH<sub>3</sub> – ammonia

COS – carbonyl sulfide

CS<sub>2</sub> – carbon disulfide

Cl<sub>2</sub> – chlorine

HCl – hydrogen chloride

- (4) Compliance with annual emission limits (tons per year [TPY]) 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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (7) Sources emitting through the Combined Heater Stack include 4 Platformer Charge Heaters (FINs 546-H1, 546 H2, 546-H3, and 546-H4), Platformer Depentanizer Heater (FIN 546-H5), Platformer Aromatic Heater (FIN 546-H6), Hydrotreater Charge Heater (FIN 547-H-1), and Hydrotreater Stripper Reboiler (FIN 547-H-2).
- (8) Pilot emissions only.
- (9) The total annual emissions rate for the ULSD Charge Heater and the ULSD Reboiler Heater are limited to the annual cap indicated under EPN: 590-HCAP.
- (10) Coker Drums A and B do not vent simultaneously.
- (11) Annual emissions rate (tpy) is for Drums A and B combined.



## Texas Commission on Environmental Quality Air Quality Permit

*A Permit Is Hereby Issued To*  
**CITGO Refining and Chemicals Company L.P.**  
*Authorizing the Construction and Operation of*  
**Citgo Corpus Christi Refinery West Plant**  
*Located at Corpus Christi, Nueces County, Texas*  
*Latitude 27.813333 Longitude -97.495555*

Permits: 149680, PSDTX337M1 and PSDTX408M3

Revision Date: May 20, 2025

Expiration Date: February 19, 2029

  
\_\_\_\_\_  
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)]<sup>1</sup>
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)]<sup>1</sup>
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.<sup>1</sup>

<sup>1</sup> 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	GLC <sub>max</sub> = 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 <sup>3</sup> = microgram per cubic meter	H <sub>2</sub> CO = formaldehyde
acfm = actual cubic feet per minute	H <sub>2</sub> S = hydrogen sulfide
AMOC = alternate means of control	H <sub>2</sub> SO <sub>4</sub> = 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 <sub>2</sub> 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 <sup>3</sup> = 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 <sub>x</sub> = 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 PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>2.5</sub> = particulate matter equal to or less than 2.5 microns in diameter  
PM<sub>10</sub> = total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, 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  
SO<sub>2</sub> = 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 Number 149680, PSDTX337M1, and PSDTX408M3

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

### Federal Applicability

3. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on Standards of Performance for New Stationary Sources (NSPS) promulgated in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60):
  - A. Subpart A: General Provisions.
  - B. Subpart J: Standards of Performance for Petroleum Refineries.
  - C. Subpart Ja: Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007.
  - D. Subpart K: Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978.
  - E. Subpart Ka: Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984.
  - F. Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.
  - G. Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006.
  - H. Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After November 7, 2006.
  - I. Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems.
4. These facilities shall comply with all applicable requirements of the EPA regulations on National Emission Standards for Hazardous Air Pollutants (HAPs) for Source Categories in 40 CFR Part 63:
  - A. Subpart A: General Provisions.
  - B. Subpart CC: National Emission Standards for HAPs Air Pollutants from Petroleum Refineries.

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- C. Subpart UUU: National Emission Standards for HAPs for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.
- D. Subpart DDDDD: National Emission Standards for HAPs for Industrial, Commercial, and Institutional Boilers and Process Heaters.

**Emission Standards**

- 5. Fuel for fuel gas combustion devices shall be fuel gas containing no more than 0.1 grain of hydrogen sulfide per dry standard cubic foot, based on a one-hour average.
- 6. The following sources are subject to the following emission limitations: **(5/24)**

Source	EPN	SO <sub>2</sub>	NOx
Combined Heater Stack	546-H99	0.0269 lb/MMBtu	0.12 lb/MMBtu
ULSD Charge Heater	590-H1	NA	0.035 lb/MMBtu
ULSD Reboiler Heater	590-H-2	NA	0.035 lb/MMBtu
Boiler No. 1	565-B1	0.0269 lb/MMBtu	0.12 lb/MMBtu
Boiler No. 2	565-B2	0.0269 lb/MMBtu	0.12 lb/MMBtu

- 7. The following sources are subject to the following maximum firing rates: **(5/24)**

Source	EPN	Maximum Hourly Firing Rate MMBtu/hr	Maximum Annual Firing Rate MMBtu/hr
Combined Heater Stack,	546-H99	588.35	534.91
ULSD Charge Heater	590-H1	85	167
USDL Reboiler Heater	590-H2	82	
Boiler No. 1	565-B1	108.79	98.9
Boiler No. 2	565-B2	108.79	98.9
Boiler No. 3	561-B3	98.9	98.9
MDH Charge Heater	527-H1	62	62
MDH Reboiler Heater	527-H2	82.3	82.3
Coker Heater	521-H1	310	310

- 8. Emission rates for molten sulfur handling and blocking (EPNs: SULFURBLK and SULFURHAND) are based on, and the facilities shall be limited to, a maximum hourly throughput of 16 long tons (LT) per hour and a maximum annual throughput of 140,160 LT per year.
- 9. Spillage of sulfur onto areas that may contribute to fugitive emissions shall be cleaned up to maintain compliance with the TCEQ rules and regulations.
- 10. All in-plant roads/traffic areas used by vehicles transporting sulfur shall be sprinkled with water, and/or be paved (with a cohesive hard surface) and cleaned as necessary to maintain compliance with all applicable TCEQ rules and regulations.

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11. The tail gas incinerator shall maintain the H<sub>2</sub>S concentration in the exhaust gas less than 10 ppmv on a dry basis, corrected to 3 percent O<sub>2</sub>, or achieve H<sub>2</sub>S destruction efficiency greater than 99.9 percent.

**Storage Tanks**

12. Tanks authorized by this permit and the liquids they are authorized to store are shown in Attachments A and B. **(5/24)**
13. Storage tanks are subject to the following requirements: The control requirements specified in parts A-C of this condition shall not apply (1) where the VOC has an aggregate partial pressure of less than 0.50 psia at the maximum feed temperature or 95 degrees F, whichever is greater, or (2) to storage tanks smaller than 25,000 gallons.
  - A. The tank emissions must be controlled as specified in one of the paragraphs below:
    - (1) An internal floating deck or "roof" shall be installed. 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 floating roof: (1) a liquid-mounted seal, (2) two continuous seals mounted one above the other, or (3) a mechanical shoe seal.
    - (2) An open-top tank shall contain a floating roof (external floating roof tank) which uses double seal or secondary seal technology 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.
  - B. For any tank equipped with a floating roof, the permit holder shall perform the visual inspections and any seal gap measurements specified in Title 40 Code of Federal Regulations § 60.113b (40 CFR § 60.113b) Testing and Procedures (as amended at 54 FR 32973, August 11, 1989) to verify fitting and seal integrity. Records shall be maintained of the dates inspection was performed, any measurements made, results of inspections and measurements made (including raw data), and actions taken to correct any deficiencies noted.
  - C. 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.
  - D. 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.
  - E. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all storage tanks during the previous calendar month and the past consecutive 12-month period. The record shall include the following:
    - (1) Tank identification number.
    - (2) Control method used.
    - (3) Tank capacity in gallons.
    - (4) Name of the material stored.
    - (5) VOC molecular weight.

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Permit Number 149680, PSDTX337M1, and PSDTX408M3

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- (6) VOC monthly average temperature in degrees Fahrenheit.
  - (7) VOC vapor pressure at the monthly average material temperature in psia.
  - (8) VOC throughput for the previous month and year-to-date.
  - F. 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.
  - G. Emissions for tanks shall be calculated using: the TCEQ publication titled Technical Guidance Package for Chemical Sources – Storage Tanks.
14. The storage of sour water shall comply with the following requirements:
- A. Sour water stripper feed Tank Numbers 552 T1 and 552 T2 shall be equipped with an interface level detection device which will provide sour water/hydrocarbon interface level detection.
    - (1) This detector shall alert appropriate personnel immediately should the sour water/hydrocarbon interface go below 5 feet.
    - (2) Records of all alerts shall be maintained.
    - (3) All monitoring equipment shall be maintained and kept in operating condition according to manufacturer's specifications.
    - (4) Tank roofs shall be kept floated at all times, except as authorized by permit or permit by rule.
  - B. Storage Tanks 552-T1 and 552-T2 shall have a minimum on-line retention time of three days based on actual sour water flow. For purpose of this special condition, minimal retention time shall be calculated based on a daily determination of the seven-day average sour water volumes in each tank and the actual seven-day average sour water flows from the tanks.
  - C. There shall be at least three days of holdup (excess) capacity maintained for total sour water storage. This capacity shall only be used for sour water storage when necessary to avoid flaring of acid gases due to reduced Gas Sweetening and Sulfur Recovery Unit (SRU) complex capacity. It shall be restored within one week of the return of the sulfur recovery complex to normal operations. For purpose of this special condition, nominal holdup time (excess capacity) shall be calculated based on a daily determination of the seven-day average sour water volumes in both tanks and the actual seven-day average water flow from the tanks.
  - D. For periods of planned New Source Performance Standard (NSPS) Kb inspection activities on either Tank 552-T1 or 552-T2 that result in one of the tanks being taken out of service, the following requirements apply. The sour water stripper surge system shall have a reduced minimum on-line retention time and hold up (excess) capacity of one day, based on the source water flow rate into the tanks. Retention time shall be calculated in accordance with Special Condition 13 B. Reduced retention time is applicable for the length of time the tank is out of service, not to exceed 18 consecutive months. The tank inspection and any repairs shall be completed as quickly as practicable and reasonable attempts shall be made to avoid flaring of acid gases due to reduced SRU complex capacity. If the tank outage exceeds 18 months, measures shall be taken within seven days after the end of the 18-month period to restore retention time and hold up capacity to three days. Records of these periods and the corresponding maintenance activity must be maintained and made available upon request.
  - E. Records of the levels of sour water stored in the tanks and sour water flow rates shall be maintained.

Special Conditions

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**Vents**

15. Compliance with Continuous Regen Vent (EPN: 546-V26) hydrogen chloride and chlorine MAERT emissions limits from the operation of the No. 5 Platformer Regenerator, moving-bed gas-solid adsorption system (e.g., Chlorsorb™ System), shall be demonstrated by meeting the following requirements: **(5/24)**
  - A. The daily average temperature of the gas entering or exiting the adsorption system must not exceed the limit established during the most recent stack sampling.
  - B. The weekly average chloride level on the sorbent entering the adsorption system must not exceed the design or manufacturer's recommended limit (1.35 weight percent); and the weekly average chloride level on the sorbent leaving the adsorption system must not exceed the design or manufacturer's recommended limit (1.8 weight percent).
  - C. Additional stack sampling of EPN: 546-V26 to establish new temperature limits shall be performed in accordance with the requirements of the Initial Determination of Compliance. **(5/24)**

**Heaters**

16. The ULSD Charge Heater (EPN: 590-H-1) and ULSD Reboiler Heater (EPN: 590-H-2) shall be equipped and operated with ultra-low NO<sub>x</sub> burners and CO concentrations of 100 ppmv at 3% oxygen firing rates greater than 25% of maximum. The ULSD Charge Heater shall not exceed 250 ppmv of CO at turndown rates at or below 25%.
17. Emissions of carbon monoxide (CO) from Combined Heater Stack (EPN: 546-H99) shall not exceed 50 ppmvd CO corrected to 3 percent oxygen on an hourly average. **(5/24)**

**SRU**

18. The maximum H<sub>2</sub>S concentration in the fuel gas feed to the tail gas incinerator (TGI) shall not exceed 160 ppm on a rolling 3-hour average. If the fuel gas is other than sweet natural gas is utilized in the tail gas incinerator, records of H<sub>2</sub>S concentration in the fuel gas shall be maintained for a period of two years and made immediately available to TCEQ personnel upon request. **(5/24)**
19. The sulfur dioxide (SO<sub>2</sub>) concentration in and volumetric flow rate of the exhaust gas of the TGI shall not exceed 250 ppmv and 530,942 scf/hr, simultaneously, based on a one-hour average. **(05/25)**
20. The minimum sulfur recovery efficiency for these permitted units (taken as a whole) shall be 99.8 percent. The sulfur recovery efficiency shall be determined by calculation as follows:

$$\text{Efficiency} = (\text{Srecovered} * 100) / (\text{Srecovered} + \text{Sincinerator})$$

Where:

Efficiency = sulfur recovery efficiency, percent

Srecovered = (elemental S in pit), lbs/hr

Sincinerator = sulfur in incinerator stack, lbs/hr

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- A. The average sulfur emission reduction efficiency (sulfur recovery efficiency) shall be demonstrated for each 24-hour period by a mass balance calculation using data obtained from the incinerator stack SO<sub>2</sub> monitor, sulfur production records, and other process flow data.
  - B. Records and copies of the compliance calculations shall be maintained on-site for a period of two years and made immediately available to TCEQ personnel upon request.
21. The total sulfur recovered from SRUs 1 and 2 is limited to 125 LTPD using air and 220 LTPD using O<sub>2</sub> injection. Daily sulfur production records shall be maintained on site for a period of two years and made immediately available to TCEQ personnel upon request. Records shall indicate if O<sub>2</sub> injection is being used.

## Coke Stockpiles

22. Coke stockpiles shall be sprinkled with water and/or chemicals, as necessary, to control the emission of dust to the minimum level possible under existing conditions.
23. Road-generated emissions from coke operations shall be controlled, as necessary, in accordance with good housekeeping practice.
24. 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. The exposed surface of all coke loaded into trucks shall be sprayed with a chemical sealant or firmly covered prior to transport.

## Cooling Towers

25. The cooling tower water associated with EPNs: 521-CT1 and 590-CT1 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. **(5/24)**
26. 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 scheduled shutdown of the process unit in which the leak occurs.

Emissions from the cooling tower are not authorized if the VOC concentration of the water returning to the cooling tower exceeds 0.80 ppmw. The VOC concentrations above 0.80 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.

27. The cooling towers (EPNs: 521-CT1 and 590-CT1) shall be operated and monitored in accordance with the following: **(5/24)**
- A. Drifts 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 4,500 parts per million by weight (ppmw). Dissolved solids in the cooling water drift are emitted as PM, PM<sub>10</sub>, and PM<sub>2.5</sub> as represented in the permit application calculations. **(5/24)**

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- 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.

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. Short term and annual average emission rates of PM, PM<sub>10</sub> and PM<sub>2.5</sub> shall be calculated using the measured TDS, the design drift rate and the daily maximum and average actual cooling water circulation rate. Alternately, the design maximum circulation rate may be used for all calculations.

- (1) Alternate sampling and analysis methods may be used to comply with this subparagraph with written approval from the TCEQ Regional Director. **(5/24)**
  - (2) Records of all instrument calibrations and test results and process measurements used for the emission calculations shall be retained.
- E. Emission rates of PM, PM<sub>10</sub> and PM<sub>2.5</sub> 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.

## Off-Gas Treating Units

- 28. Solvent use in the Shell Claus Off-Gas Treating (SCOT) Unit is limited to monodiethanolamine (MDEA) and diethanolamine (DEA). Use of any other solvent for normal operation or standby purposes requires prior authorization from the TCEQ Executive Director. **(5/24)**

## Operational Conditions During SRU or Tail Gas Treatment Unit (TGTU) Downtime

- 29. In the event of any unscheduled SCOT (TGTU) downtime, the permit holder shall immediately begin implementation of the H<sub>2</sub>S Shedding plan provided in Appendix C of the NSR Permit 8778A 2019 Amendment Application. **(5/24)**

## Fugitives in VOC Service

- 30. Piping, Valves, Connectors, Pumps, Agitators and Compressors, in VOC Service - Intensive Directed Maintenance - 28MID

The requirements of paragraphs F and G shall not apply (1) for components not in VOC service or (2) 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 (3) 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.

- A. 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;

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- (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.

An approved gas analyzer shall conform to requirements listed in Method 21 of 40 CFR part 60, appendix A. The gas analyzer shall be calibrated with methane. In addition, the response factor of the instrument for a specific VOC of interest shall be determined and meet the requirements of Section 8 of Method 21. If a mixture of VOCs is being monitored, the response factor shall be calculated for the average composition of the process fluid. A calculated average is not required when all of the compounds in the mixture have a response factor less than 10 using methane. If a response factor less than 10 cannot be achieved using methane, then the instrument may be calibrated with one of the VOC to be measured or any other VOC so long as the instrument has a response factor of less than 10 for each of the VOC to be measured.

A directed maintenance program shall consist of the repair and maintenance of components assisted simultaneously by the use of an approved gas analyzer such that a minimum concentration of leaking VOC is obtained for each component being maintained. 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.

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- 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. 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.
31. Open ended lines and valves that have been purged are not subject to the control or monitoring requirements specified in Special Condition Nos.30 E(1) or 30 E(2) provided that the lines and valves have been double isolated from any process line containing VOC. Double isolation shall consist of two block valves, a block valve with a blind flange, a block valve with a cap, or other system acceptable to the Executive Director.
32. Agitators that are affixed to fixed-roof storage tanks are exempt from the requirements stipulated in Special Condition No. 30.G and H. The requirement to estimate cumulative daily emissions from all components in the delay of repair list as stipulated in Special Condition No. 30 I shall only apply to components in the ULSD Unit (EPN: 590-U590).

**Fugitives in Ammonia Service**

33. Process Piping, Valves, Pumps, and Compressors in Ammonia (NH<sub>3</sub>) Service within the SRU

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Source	EPN
MDHU Process Fugitives	517-FUG
ULSD Fugitives	590-FUG

- A. Checks for NH<sub>3</sub> leaks within the operating area shall be made once a shift utilizing audio, olfactory, and visual detection or other leak detection equipment.
- B. Plant personnel shall take the following actions immediately following the detection of a leak:
  - (1) Isolate the leak within eight hours if possible.
  - (2) Commence repair or replacement of the leaking component within 24 hours if possible.
  - (3) If isolation or repair is not possible within the prescribed time frames, the appropriate TCEQ Regional Office must be notified and a leak collection and/or containment system will be used until repair or replacement can be made. Proper containment shall include (but is not limited to) adjustment of bolts, fittings, packing glands, and pump/compressor seals as appropriate to contain and/or minimize the leak.
  - (4) Records shall be maintained of all leaks, repairs, and replacements made. These records shall be maintained for a period of two years at the plant site and shall be made available at the request of TCEQ personnel.

**Fugitives in H<sub>2</sub>S Service**

34. Process Piping, Valves, Pumps, and Compressors in Hydrogen Sulfide (H<sub>2</sub>S) Service within the SRU for the following EPNs: **(5/24)**

Source	EPN
No. 5 Platformer Fugitives	546-FUG99A
Boiler Area Fugitives	561-FUG99B
MDHU Process Fugitives	517-FUG
Coker Unit Fugitives	521-FUG
ULSD Fugitives	590-FUG
SRU Process Fugitives	553-FUG
Flare Gas Recovery Fugitives	FGRS-FUG
Piping Fugitives	851-FUG

- A. Checks for H<sub>2</sub>S leaks within the operating area shall be made once a shift. The method for performing these requirements shall be by checking with electronic personal monitoring equipment, lead acetate strip, other leak detection equipment capable of detecting H<sub>2</sub>S in parts per million (ppm), or verification of functioning ambient air H<sub>2</sub>S monitors.
- B. Plant personnel shall take the following actions immediately following the detection of a leak:  
 Isolate the leak within eight hours if possible;
- (1) Commence repair or replacement of the leaking component within 12 hours if possible; and
  - (2) If isolation or repair is not possible within the prescribed time frames, the appropriate TCEQ Regional Office must be notified and a leak collection and/or containment system will be used until repair or replacement can be made. Proper containment shall include (but is not limited to) adjustment of bolts, fittings, packing glands, and pump/compressor seals as appropriate to contain and/or minimize the leak.
  - (3) Records shall be maintained of all leaks, repairs, and replacements made. These records shall be maintained for a period of two years at the plant site and shall be made available at the request of TCEQ personnel.

**Fugitives in Heavy Liquid Service**

35. Process Piping, Valves, Pumps, and Compressors in Heavy Liquid Service (Fractionator Bottoms, Heavy Coker Gas Oil, and Kerosene Streams)

- A. Audio, olfactory, and visual checks for leaks within the operating area shall be made once per week.
- B. Upon detection of a leak, plant personnel shall take the following actions:  
 Isolate the leak within eight hours if possible;
- (1) First attempt at repair shall be made within five calendar days. Final repair shall be made within 15 calendar days.

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- (2) If the repair or replacement of a leaking component would require a unit shutdown, the repair may be delayed until the next scheduled shutdown.
- C. Date and time of each inspection shall be noted in the operator's log or equivalent. Records shall be maintained at the plant site of all repairs and replacements made due to leaks.

**Initial Determination of Compliance**

- 36. Sampling ports and platform(s) shall be incorporated into the Combined Boiler Stack (EPNs: 565-B1 & 565-B2), the TGI stack (EPN: 554-ME5), and Combined Heater Stack (EPN: 546-H99) according to the specifications set forth in the attachment entitled "Chapter 2, Stack Sampling Facilities." Alternate sampling facility designs may be submitted for approval by the TCEQ Regional Director in Austin. **(5/24)**
- 37. 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 EPNs listed in the table below. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense. Sampling shall be conducted in accordance with the appropriate procedures of the TCEQ Sampling Procedures Manual and in accordance with the appropriate EPA Reference Methods. **(5/24)**

Source	EPN	Air Contaminants to be tested	Initial Compliance Test Completed Date
Boiler No. 1	565-B1	NO <sub>x</sub> , CO	
Boiler No. 2	565-B2	NO <sub>x</sub> , CO	
TGI Stack	554-ME5	NO <sub>x</sub> , CO, SO <sub>2</sub> , H <sub>2</sub> S	January 2007 June 2011
Combined Heater Stack	546-H99	CO	
Continuous Regeneration Vent	546-V26	HCl	June 2005
Coker Heater	521-H1	NO <sub>x</sub> , CO	October 2016
MDH Charge Heater	527-H1	NO <sub>x</sub> , CO	January 1998 (SOR)
MDH Reboiler Heater	527-H2	NO <sub>x</sub> , CO	November 2003 (EOR)
ULSD Charge Heater	590-H1	NO <sub>x</sub> , CO	February 2011
ULSD Reboiler Heater	590-H2	NO <sub>x</sub> , CO	February 2011

- A. The TCEQ Corpus Christi 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) Proposed date for pretest meeting.
- (2) Date sampling will occur.
- (3) Name of firm conducting sampling.

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- (4) Type of sampling equipment to be used.
- (5) Method or procedure to be used in sampling.
- (6) Description of any proposed deviation from the sampling procedures specified in this permit or TCEQ/EPA sampling procedures.
- (7) Procedure/parameters to be used to determine worst case emissions at maximum firing rate and normal operations load during the sampling period.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test reports. A written proposed description of any deviation from sampling procedures specified in permit conditions, 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 this condition shall be submitted to the TCEQ Office of Air, Air Permits Division in Austin. Test waivers and alternate/equivalent procedure proposals for New Source Performance Standards (NSPS) testing which must have EPA approval shall be submitted to the TCEQ Regional Director.

- B. Sampling shall occur within 60 days for boilers and vents and 180 days for heaters and incinerators after initial start-up of the facilities and at such other times as may be required by the Executive Director of the TCEQ. 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 60 and 40 CFR 61 requires EPA approval, and requests shall be submitted to the TCEQ Regional Director.
- C. The plant shall operate at maximum production rates during stack emission testing or at rates that maximize emissions for each air contaminant required to be tested. Primary operating parameters that enable determination of production rates or emission rates shall be monitored and recorded during the stack test. These parameters shall be determined at the pretest meeting and shall be stated in the sampling report. Permit conditions and parameter limits may be waived during stack testing performed under this condition if the proposed condition/parameter range is identified in the test notice specified in paragraph A and accepted by the TCEQ Regional Office. Permit allowable emissions and emission control requirements are not waived and still apply during stack testing periods. If the plant is unable to operate at maximum rates during testing, then future production rates may be limited to the rates established during testing.

During subsequent operations, for EPNs: 546-H99, 565-B1, and 565-B2, if the maximum firing rate is greater than that recorded during the test period, stack sampling shall be performed at the new operating conditions within 120 days. This sampling may be waived by the TCEQ Air Section Manager for the region. **(5/24)**

- D. Sampling shall be performed to determine the ranges of SRU (EPN: 554-ME5) operation which comply with the ERs stated on the attached table entitled "Emission Sources Maximum Allowable Emission Rates." The SO<sub>2</sub> continuous emission monitoring system (CEMS) will be tested by appropriate methods to certify accuracy and then used to demonstrate continued compliance.
- E. Sampling of the ULSD Charge Heater shall occur within 90 days of initial startup at a turndown rate below 25% of the maximum firing rate to establish emission rates. An additional stack test must be performed within 180 days after the Charge Heater firing rate exceeds a turndown rate of 25% to demonstrate compliance with emission rate limits at maximum ULSD process unit throughput. Additional sampling shall also occur at such times

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as may be required by the Executive Director of the TCEQ for the sources referenced in this condition. Additional time to comply with the applicable requirements of 40 CFR Part 60 and 40 CFR Part 61 requires the EPA approval, and requests shall be submitted to the TCEQ Office of Air, Air Permits Division in Austin.

- F. Sampling reports shall comply with the attached provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The final sampling report shall be distributed as follows within 60 days after sampling is completed:

- (1) One copy to the TCEQ Corpus Christi Regional Office.

- 38. The permittee shall determine the emissions of NO<sub>x</sub> and carbon monoxide (CO) from the Boiler Nos. 1 and 2 (EPNs: 565-B1 and 565-B2) in accordance with the test methods set out in 40 CFR Part 60, Appendix A, Methods 7 and 10, respectively. These emissions determinations shall be made at:

- A. Maximum design capacity; and
- B. Normal operational load. (PSD)

**Continuous Determination of Compliance**

- 39. Upon request by the TCEQ Executive Director or the TCEQ Regional Director having jurisdiction, the holder of this permit shall perform stack sampling and/or other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere to demonstrate compliance with the MAERT and with emission performance levels as specified in the special conditions and/or otherwise prove satisfactory equipment performance. Sampling must be conducted in accordance with the TCEQ Guidelines for Stack Sampling Facilities and in accordance with the applicable EPA 40 CFR procedures. Any deviations from those procedures must be approved by the TCEQ Executive Director or the appropriate TCEQ Regional Director prior to conducting sampling.

- 40. The holder of this permit shall install, calibrate, and maintain a CEMS to measure and record the in-stack concentrations of the following compounds from the indicated sources:

Source	EPN	Pollutant
Boiler No. 1	565-B1	O <sub>2</sub>
Boiler No. 2	565-B2	O <sub>2</sub>
SRU Tail Gas Incinerator	554-ME5	SO <sub>2</sub> , O <sub>2</sub>
Coker Heater	521-H1	NO <sub>x</sub> , O <sub>2</sub> ,
Refinery Fuel Gas Line	-	H <sub>2</sub> S

**Boilers (EPNs: 565-B1 and 565-B2)**

- 41. The permittee shall maintain a continuous oxygen monitor in both flues of Boiler Nos. 1 and 2 which meets the requirements of 40 CFR Part 60, Appendix B, Performance Specification 3. Emission determinations which are correlated to the flue gas oxygen content are defined as:

- A. The point at which NO<sub>x</sub> emissions equal the allowable NO<sub>x</sub> emission rate contained in the permit which is 2.0 percent dry for Boiler No. 1 and 3.0 percent dry for Boiler No.2.

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- B. The point at which CO emissions equal the allowable CO emission rate contained in the permit which is 0.5 percent dry for Boiler No. 1 and Boiler No. 2.
- C. The flue gas oxygen content shall be maintained between these points, and alarms shall be set to sound when flue gas oxygen levels exceed either side of this range. An hourly average oxygen content which is outside of this range shall be recorded, and records shall be maintained for a minimum of two years and shall be reported semi-annual along with excess emissions in accordance with 40 CFR § 60.7(c). **(5/24)**
- D. Should any combustion equipment modifications be made such as different type burners, combustion air relocation, fuel conversion, tube removal, or addition, etc., emissions correlations as described above shall be conducted within 60 days of attaining full operation after such modification.

**SRU EPN: 554-ME5**

- 42. The holder of this permit shall install, calibrate, maintain, and operate a CEMS to measure and record the in-stack concentration of O<sub>2</sub> and SO<sub>2</sub> from the SRU TGI Exhaust Stack (EPN: 554-ME5).
  - A. Each CEMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements, data analysis, and reporting requirements specified in Performance Specification No. 3 for SO<sub>2</sub> and No. 4 for O<sub>2</sub>, 40 CFR Part 60, Appendix B. The performance specification tests shall be conducted prior to or during the sampling required by Initial Determination of Compliance, and written copies of the results shall be submitted within 60 days of test completion to the TCEQ Corpus Christi Regional Office. **(5/24)**
  - B. Each system shall be automatically zeroed and spanned daily and corrective action taken when the 24-hour span drift exceeds two times the amount specified in 40 CFR Part 60, Appendix B. Records shall be kept at the plant site for two years and be made available for review by TCEQ personnel.
  - 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. At least 23 hourly averages shall be generated per day. The individual average concentrations shall be reduced to units of the permit allowable emission rates (ER) in parts per million by volume, dry (ppmvd) and pounds per hour (lbs/hr) at least once every day.
  - D. All cylinder gas audit (CGA) exceedances of 15 percent accuracy and any CEMS downtime not corrected within 24 hours shall be reported to the TCEQ Regional Director, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the TCEQ Regional Director.
- 43. The tailgas incinerator (TGI) firebox exit temperature and oxygen concentration shall be continuously monitored and recorded. The temperature measurement device shall reduce the temperature readings to an averaging period of 6 minutes or less and record it at that frequency. The temperature monitor shall be installed, calibrated or replaced at least annually, and maintained according to the manufacturer's specifications. The device shall have an accuracy of the greater of  $\pm 2$  percent of the temperature being measured expressed in degrees Celsius or  $\pm 2.5^{\circ}\text{C}$ .

The tailgas incinerator exhaust stack flow rate shall be calculated using the measured waste gas flow, the measured fuel gas flow and the measured excess oxygen. The calculated flow shall be recorded.

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- A. Quality-assured (or valid) data for the thermocouple must be generated when the tail gas incinerator 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 tailgas incinerator operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.
- B. The TGI shall be operated with not less than the in-stack hourly oxygen concentration maintained during the last stack test that successfully demonstrates compliance with the MAERT performed in accordance with Initial Determination of Compliance. The firebox exit six-minute average temperature shall be maintained above the hourly average temperature maintained during the last stack test that successfully demonstrates compliance with the MAERT performed in accordance with Initial Determination of Compliance. The TGI firebox exit six- minute average temperature shall be maintained at not less than 1,350°F until such a time that a stack test is performed that successfully demonstrates compliance with the MAERT. **(5/24)**

## Heaters

44. The permit holder shall install calibrate and maintain a continuous emission monitoring system (CEMS) to measure and record the hourly average in-stack concentration and emission rate of NO<sub>x</sub> from the Coker Heater (EPN: 521-H1).

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 Title 40 Code of Federal Regulation Part 60 (40 CFR Part 60), Appendix B Performance Specification 2 for NO<sub>x</sub> and Performance Specification 3 for O<sub>2</sub>.

- A. 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 semiannually, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Manager.
- B. 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 a NO<sub>x</sub> pound per hour emission rate at least once every week using 40 CFR Part 60, Appendix A, Method 19 and the hourly firing rate of the heater. The firing rates shall be determined by the fuel flow to the heater monitored every minute and the higher heating value of the fuel determined by grab samples at least daily, with higher of the two measured heating values used for the hours between the measurement hours. The hourly emission data shall be used to determine the 12-month rolling NO<sub>x</sub> emission rate each month.
- C. 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.
- D. The appropriate TCEQ Regional Office shall be notified at least 30 days prior to the required RATA in order to provide them the opportunity to observe the testing.
- E. Quality-assured (or valid) data must be generated when the coker heater 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,

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maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the coker heater is operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment 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.

## Fuel

45. The holder of this permit shall install, calibrate, maintain, and operate a CEMS to measure and record the H<sub>2</sub>S concentration of the refinery fuel gas burned in these permitted facilities. The facilities in this permit shall not burn fuel oil with a sulfur content of greater than 0.05% by weight.
  - A. The CEMS shall meet the design and performance specifications, pass the field tests, meet the installation requirements, data analysis, and reporting requirements specified in the Performance Specification No. 7 for H<sub>2</sub>S, 40 CFR Part 60, Appendix B.
  - B. The system shall be automatically zeroed and spanned daily and corrective action taken when the 24-hour span drift exceeds two times the amounts specified in 40 CFR Part 60, Appendix B.
  - C. For heaters and boilers, compliance with furnace SO<sub>2</sub> limits will be ensured through compliance with 40 CFR § 60.104 which sets fuel gas H<sub>2</sub>S concentration limits and 40 CFR § 60.105(a)(4) which outlines H<sub>2</sub>S monitoring requirements.
  - D. All CGA exceedances of 15 percent accuracy and any CEMS downtime not corrected within 24 hours shall be reported to the TCEQ Regional Director, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the TCEQ Regional Director.

## Visible Emissions

46. Visible fugitive emissions from sulfur handling shall not leave the property for more than 30 cumulative seconds in any six-minute period.
47. The holder of this permit shall conduct a quarterly visible fugitive emissions determination at the sulfur blocking and handling facilities (EPNs: SULFURBLK & SULFURHAND) to demonstrate compliance with the visible emissions limitation specified in this permit.
  - A. This visible fugitive emissions determination shall be performed:
    - (1) during normal plant operations,
    - (2) for a minimum of six minutes,
    - (3) approximately perpendicular to plume direction,
    - (4) with the sun behind the observer (to the extent practicable),
    - (5) at least 15 feet, but not more than 0.25 mile, from the plume, and
    - (6) in accordance with EPA 40 CFR Part 60, Appendix A, Test Method 22, except where stated otherwise in this condition.
  - B. If visible fugitive emissions leaving the property exceed 30 cumulative seconds in any six-minute period, the owner or operator shall take immediate action (as appropriate) to eliminate the excessive visible fugitive emissions.

Special Conditions

Permit Number 149680, PSDTX337M1, and PSDTX408M3

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- C. The corrective action shall be documented within 24 business hours of completion.
- 48. Visible emissions from each charge heater (EPN: 590-H1) and reboiler heater (EPN: 590-H2) exhaust stack shall not exceed 10 percent opacity averaged over a six-minute period as determined by the EPA Reference Method 9, except for those periods described in 30 TAC § 111.111 (a)(1)(E).
- 49. Visible emissions from the Tail Gas Incinerator Stack (EPN: 554 ME5) shall not exceed 10 percent opacity averaged over a six-minute period as determined by the EPA Reference Method 9, except for those periods described in Title 30 Texas Administrative Code (30 TAC) § 111.111 (a)(1)(E).

**Recordkeeping**

- 50. The following monitoring data shall be maintained by the permit holder at the plant site and shall be made immediately available to the EPA or TCEQ personnel upon request or any local air pollution control program having jurisdiction:
  - A. Average hourly measured SO<sub>2</sub> concentration (ppmvd) from the TGI Stack (EPN: 554 ME5) for a rolling 60-month period after collection. **(05/25)**
  - B. Average hourly calculated volumetric flow rate (scf/hr) of exhaust from the TGI Stack (EPN: 554 ME5) for a rolling 60-month period after collection. **(05/25)**
  - C. Keep all records of the initial performance test.
  - D. After the initial determination of compliance, the holder of this permit shall maintain a raw data file of all CEMS measurements, including CEMS performance testing measurements, and all CEMS calibration checks and adjustments and maintenance performed on these systems.
  - E. This data shall be maintained in a permanent form suitable for inspection at the plant site. The data from the CEMS will be used to determine compliance with permit conditions.
- 51. Records shall be maintained at the sulfur blocking and handling facilities (EPNs SULFURBLK & SULFURHAND) and made available at the request of personnel from the TCEQ or any other air pollution control program having jurisdiction to demonstrate compliance with permit limitations. These records shall be totaled for each calendar month, retained for a rolling 60-month period, and include the following from sulfur handling:
  - A. Hourly and annual throughputs (in long tons)
  - B. Quarterly observations for visible fugitive emissions.
- 52. The following information shall be made and maintained at the plant site. The following records shall be submitted to the TCEQ Corpus Christi Regional Office on a semiannual basis:
  - A. The holder of this permit shall comply with the reporting and recordkeeping requirements of 40 CFR § 60.7 for each emission unit which is required to be continuously monitored. Each report shall contain the hours of operation of the facility, a report summary of the periods of noncomplying emissions, and each CEMS downtime by cause. For reporting purposes, noncomplying emissions are defined as follows:
    - B. Each one-hour period of operation (except during start-up or shutdown), during which the average emission of SO<sub>2</sub>, as measured and recorded by each CEMS, exceeds the emission limit specified in Special Condition No. 18.

Special Conditions

Permit Number 149680, PSDTX337M1, and PSDTX408M3

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- 53. The holder of this permit shall maintain records of any Claus Unit, SCOT, and incinerator downtime by cause. The records shall indicate the date, time, and duration of any downtime and subsequent acid gas flaring. Compliance with this condition does not relieve the obligation of the permit holder to report upsets under 30 TAC Chapter 101. All records shall be made available upon request to the TCEQ representatives or to those of any local air pollution control program having jurisdiction.
- 54. The holder of this permit shall maintain records of the firing rate, -rate, and Btu value of the fuel for the Delayed Coker Heater (EPN: 521-H1), MDH Charge Heater (EPN: 527-H1) and MDH Reboiler Heater (EPN: 527-H2), ULSD Charge Heater (EPN: 590-H1), ULSD Reboiler Heater (EPN: 590-H2). These records shall be maintained for a period of two years and shall be made available to representatives of the TCEQ upon request.
- 55. The delayed coker drums shall be depressurized to the refinery's flare gas recovery system until the internal drum pressure is 5 psig or less. The steam vent valve control system shall be configured to ensure the coker steam vents shall not be opened to the atmosphere until the internal pressure of the coke drum is 5 psig or less. Record of internal coke drum pressure shall be maintained.

**Recordkeeping**

- 56. The holder of this permit shall maintain following records:

Source	Special Condition
Storage Tanks	13
Sour Water Tanks	14
Sulfur Recover Unit Tail Gas Incinerator	18, 20, 21
Cooling Towers	25, 26, 27
Fugitives in VOC Service	30
Fugitives in NH <sub>3</sub> Service	33
Fugitives in H <sub>2</sub> S Service	34
Fugitives in Heavy Liquid Service	35
Stack Testing	37
Boilers	41
Tail Gas Incinerator	42, 43
Heaters	44
Fuel Gas	45

**Permit by Rule**

- 57. The following sources and/or activities are authorized under a Permit by Rule (PBR) by Title 30 Texas Administrative Code Chapter 106 (30 TAC Chapter 106) or under a Standard Exemption (SE) by Title 30 Texas Administrative Code Chapter 106 (30 TAC § 106.13). This list is not intended to be all inclusive and can be altered without modifications to this permit.

Activity	Authorization
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Asphalt Loading at Barge Dock 6	SE No. 36783
WP Amine Training System	PBR 113569
Miscellaneous Piping Components	PBR 138835
F451 Authorization	PBR 164589

**Maintenance, Startup, and Shutdown**

58. Maintenance, startup, and shutdown emissions are authorized in Permit No. 80810.

Date: May 20, 2025

Permit Numbers 149680, PSDTX337M1, and PSDTX408M3

Attachment A

Internal Floating Roof and Fixed Roof Storage Tanks				
Tank EPN	Tank Roof Type	Approved Stored Materials	Rolling 12-month throughput (bbbl)	Fill/Withdrawal Rate (bbbl/hr)
552-T1	IFR	Sour Water	4,400,000	500
552-T2	IFR	Sour Water	4,400,000	500
585-T6011	IFR	Slop Oil	1,000,000	71
585-T6012	IFR	Slop Oil		71
572-TK14A	FR	Slop Oil	377,000	490
572-TK14B	FR	Slop Oil		491
572-TK14C	FR	Slop Oil		491
572-TK14D	FR	Slop Oil		491
554-T1	FR	MDEA/Amine	476	32
554-T2	FR	MDEA/Amine	476	100
555-T1	FR	MDEA/Amine	1,500	71
555-T2	FR	MDEA/Amine	476	100
572-T13A	FR	Oily Sludge	50,000	143
572-T13B	FR	Oily Sludge	50,000	143
585-T6001	FR	Coker Feed	17,520,000	1,786
585-T6002	FR	Coker Feed		1,786
585-T6014	FR	Coker Feed	4,800,000	179
585-T6017	FR	Caustic	5,000	600
585-T6018	FR	Caustic	5,000	150
585-T6019	FR	Spent Caustic	10,000	300
90-T103	FR	Diesel	714	14
90-T104	FR	Diesel	714	14
90-T105	FR	Diesel	714	14
91-T103	FR	Diesel	714	14
91-T104	FR	Diesel	714	14

Date: May 3, 2024

Permit Numbers 149680, PSDTX337M1, and PSDTX408M3

Attachment B

External Floating Roof Storage Tanks				
Tank EPN	Tank Roof Type	Approved Stored Materials	Rolling 12-month throughput (bbbl)	Fill/Withdrawal Rate (bbbl/hr)
91-T4001	EXFR	Diesel	35,000,000	10,000
91-T4002	EXFR	Diesel		10,000
91-T4003	EXFR	Diesel		10,000
91-T5001	EXFR	Crude	63,875,00	50,000
91-T5002	EXFR	Crude		50,000
91-T5003	EXFR	Crude		50,000
91-T5004	EXFR	Crude		50,000
91-T5005	EXFR	Crude		50,000
91-T5006	EXFR	Crude		50,000
91-T5007	EXFR	Crude		50,000
91-T5008	EXFR	Crude		50,000
585TK6015	EXFR	5Plat Feed	12,800,000	1,458

Date: May 3, 2024

Emission Sources - Maximum Allowable Emission Rates

Permit Number 149680, PSDTX337M1, and PSDTX408M3

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 (6)	
			lbs/hour	TPY (4)
546-FUG99A	No. 5 Platformer Fugitives (5)	VOC	12.16	53.26
		H <sub>2</sub> S	0.03	0.11
561-FUG99B	Boiler Area Fugitives (5)	VOC	0.69	3.04
		H <sub>2</sub> S	0.10	0.44
517-FUG	MDHU Process Fugitives (5)	VOC	7.01	30.70
		H <sub>2</sub> S	0.10	0.43
		NH <sub>3</sub>	<0.01	<0.01
521-FUG	Coker Unit Fugitives (5)	VOC	11.40	49.93
		H <sub>2</sub> S	0.61	2.68
590-FUG	ULSD Fugitives (5)	VOC	4.79	21.00
		H <sub>2</sub> S	0.19	0.84
		NH <sub>3</sub>	0.01	0.04
553-FUG	SRU Process Fugitives (5)	VOC	6.19	27.10
		H <sub>2</sub> S	1.41	6.16
525/526FUG	WP Merox Fugitives (5)	VOC	2.46	10.79
FGRS-FUG	Flare Gas Recovery Fugitives (5)	VOC	0.83	3.65
		CO	0.01	0.01
		H <sub>2</sub> S	<0.01	<0.01
851-FUG	Piping Fugitives (5)	VOC	2.17	9.52
		H <sub>2</sub> S	0.01	0.04
503-FUG	Dock 3 Fugitives (5)	VOC	0.46	1.29
506-FUG	Dock 6 Fugitives (5)	VOC	0.03	0.12
SULFURBLK	Sulfur Blocking (5)	H <sub>2</sub> S	0.58	2.56

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
SULFURHAND	Sulfur Handling (5)	PM	0.12	0.54
		PM <sub>10</sub>	0.06	0.26
		PM <sub>2.5</sub>	0.01	0.04
STOCKPILE	Stockpiles (5)	PM	-	0.22
		PM <sub>10</sub>	-	0.11
		PM <sub>2.5</sub>	-	0.02
PAD DROP	Drop to Existing Operations Pad (5)	PM	1.24	0.23
		PM <sub>10</sub>	0.59	0.11
		PM <sub>2.5</sub>	0.09	0.02
PITLIFT	Lift from Pit (5)	PM	1.24	0.23
		PM <sub>10</sub>	0.59	0.11
		PM <sub>2.5</sub>	0.09	0.02
546-H99	Combined Heater Stack (7)	VOC	3.17	12.63
		NO <sub>x</sub>	70.60	281.42
		SO <sub>2</sub>	15.52	22.88
		PM	4.48	17.46
		PM <sub>10</sub>	4.48	17.46
		PM <sub>2.5</sub>	4.48	17.46
		CO	21.75	86.59
565-B1	Boiler No. 1	VOC	0.59	2.34
		NO <sub>x</sub>	13.10	52.00
		SO <sub>2</sub>	2.87	4.23
		PM	0.81	3.23
		PM <sub>10</sub>	0.81	3.23
		PM <sub>2.5</sub>	0.81	3.23
		CO	8.96	35.67

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
565-B2	Boiler No. 2	VOC	0.59	2.34
		NO <sub>x</sub>	13.10	52.00
		SO <sub>2</sub>	2.87	4.23
		PM	0.81	3.23
		PM <sub>10</sub>	0.81	3.23
		PM <sub>2.5</sub>	0.81	3.23
		CO	8.96	35.67
561-B3	No. 3 Boiler	VOC	0.53	2.34
		NO <sub>x</sub>	11.87	51.98
		SO <sub>2</sub>	2.61	4.23
		PM	0.74	3.23
		PM <sub>10</sub>	0.74	3.23
		PM <sub>2.5</sub>	0.74	3.23
		CO	8.14	35.67
590-H1	ULSD Charge Heater (9)	CO	6.28	-
		NO <sub>x</sub>	2.98	
		PM	0.63	
		PM <sub>10</sub>	0.63	
		PM <sub>2.5</sub>	0.63	
		SO <sub>2</sub>	2.24	
		VOC	0.46	

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
590-H2	ULSD Reboiler Heater (9)	CO	6.06	-
		NO <sub>x</sub>	2.87	
		PM	0.61	
		PM <sub>10</sub>	0.61	
		PM <sub>2.5</sub>	0.61	
		SO <sub>2</sub>	2.16	
		VOC	0.44	
590-HCAP	ULSD Heater Cap	CO	-	27.04
		NO <sub>x</sub>		25.60
		PM		5.45
		PM <sub>10</sub>		5.45
		PM <sub>2.5</sub>		5.45
		SO <sub>2</sub>		7.15
		VOC		3.94
521-H1	Coker Heater	CO	3.10	13.58
		NO <sub>x</sub>	12.40	54.31
		PM	2.31	10.12
		PM <sub>10</sub>	2.31	10.12
		PM <sub>2.5</sub>	2.31	10.12
		SO <sub>2</sub>	8.18	13.26
		VOC	1.67	7.32

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
527-H1	MDH Charge Heater	CO	5.10	22.35
		NO <sub>x</sub>	7.43	32.56
		PM	0.46	2.02
		PM <sub>10</sub>	0.46	2.02
		PM <sub>2.5</sub>	0.46	2.02
		SO <sub>2</sub>	1.63	2.65
		VOC	0.33	1.46
527-H2	MDH Reboiler Heater	CO	6.78	29.68
		NO <sub>x</sub>	9.87	43.25
		PM	0.61	2.69
		PM <sub>10</sub>	0.61	2.69
		PM <sub>2.5</sub>	0.61	2.69
		SO <sub>2</sub>	6.03	20.43
		VOC	0.44	1.94
546-V26	Continuous Regen Vent	HCl	0.19	0.85
		Cl <sub>2</sub>	0.35	1.54
554-ME5	SRU Tail Gas Incinerator	CO	6.79	15.01
		COS	1.10	4.82
		CS <sub>2</sub>	0.37	1.61
		H <sub>2</sub> S	0.48	1.75
		NO <sub>x</sub>	3.64	15.94
		PM	0.20	0.87
		PM <sub>10</sub>	0.20	0.87
		PM <sub>2.5</sub>	0.20	0.87
		SO <sub>2</sub>	22.39	53.37
		VOC	1.88	8.23

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
574-ME-1	Process Emergency Flare (8)	VOC	<0.01	0.01
		CO	0.10	0.46
		NO <sub>x</sub>	0.01	0.06
		SO <sub>2</sub>	<0.01	<0.01
		H <sub>2</sub> S	<0.01	<0.01
521-FCOKE	Coke Storage and Handling Facilities (5)	PM	1.24	0.23
		PM <sub>10</sub>	0.59	0.11
		PM <sub>2.5</sub>	0.09	0.02
572-CPI1	CPI Separator	VOC	8.03	35.16
590-CT1	ULSD Cooling Tower (5)	VOC	0.13	0.55
		PM	0.07	0.30
		PM <sub>10</sub>	0.02	0.10
		PM <sub>2.5</sub>	<0.01	0.01
521-CT1	Cooling Tower 1 (5)	VOC	1.26	5.52
		PM	0.68	2.96
		PM <sub>10</sub>	0.23	1.00
		PM <sub>2.5</sub>	<0.01	0.01
521VentA	Coker A Drum 8" & 12" Steam Vents (10)	VOC	242.13	-
		Benzene	1.28	-
		PM	35.72	-
		PM <sub>10</sub>	35.72	-
		PM <sub>2.5</sub>	35.72	-
521VentB	Coker B Drum 8" & 12" Steam Vents (10)	VOC	242.13	-
		Benzene	1.28	-
		PM	35.72	-
		PM <sub>10</sub>	35.72	-
		PM <sub>2.5</sub>	35.72	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
521VCAP	Annual Cap for Coker Drums A & B (11)	VOC	-	36.44
		Benzene	-	0.30
		PM	-	8.03
		PM <sub>10</sub>	-	8.03
		PM <sub>2.5</sub>	-	8.03
552-T1	Tank No. 552-T1	VOC	0.25	0.77
		H <sub>2</sub> S	<0.01	0.01
		NH <sub>3</sub>	<0.01	<0.01
552-T2	Tank No. 552-T2	VOC	0.22	0.69
		H <sub>2</sub> S	<0.01	0.01
		NH <sub>3</sub>	<0.01	<0.01
585-T6011	Tank No. 6011	VOC	1.33	-
		H <sub>2</sub> S	<0.01	-
585-T6012	Tank No. 6012	VOC	1.26	-
		H <sub>2</sub> S	<0.01	-
585SOTKCAP	Tank No. 6011/6012 Cap	VOC	-	7.28
		H <sub>2</sub> S	-	<0.01
572-TK14A	Tank No. 14A	VOC	30.46	-
		H <sub>2</sub> S	<0.01	-
572-TK14B	Tank No. 14B	VOC	30.49	-
		H <sub>2</sub> S	<0.01	-
572-TK14C	Tank No. 14C	VOC	30.49	-
		H <sub>2</sub> S	<0.01	-
572-TK14D	Tank No. 14D	VOC	30.49	-
		H <sub>2</sub> S	<0.01	-
572TANKCAP	Tank No. 14A-D Cap	VOC	-	1.89
		H <sub>2</sub> S	-	<0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
554-T1	Tank No. 554-T1	VOC	<0.01	<0.01
		H <sub>2</sub> S	<0.01	<0.01
554-T2	Tank No. 554-T2	VOC	0.01	<0.01
		H <sub>2</sub> S	<0.01	<0.01
555-T1	Tank No. 555-T1	VOC	0.01	<0.01
		H <sub>2</sub> S	<0.01	<0.01
555-T2	Tank No. 555-T2	VOC	0.01	<0.01
		H <sub>2</sub> S	<0.01	<0.01
572-T13A	Tank No. 13A	VOC	6.84	0.76
		H <sub>2</sub> S	<0.01	<0.01
572-T13B	Tank No. 13B	VOC	6.84	0.76
		H <sub>2</sub> S	<0.01	<0.01
585-T6001	Tank No. 6001	VOC	3.93	-
		H <sub>2</sub> S	<0.01	-
585-T6002	Tank No. 6002	VOC	3.93	-
		H <sub>2</sub> S	<0.01	-
585COKERCAP	Tank No. 6001/6002 Cap	VOC	-	4.47
		H <sub>2</sub> S	-	<0.01
585-T6014	Tank No. 6014	VOC	0.37	0.58
		H <sub>2</sub> S	<0.01	<0.01
585-T6017	Tank No. 6017	VOC	27.56	0.18
		H <sub>2</sub> S	<0.01	<0.01
585-T6018	Tank No. 6018	VOC	6.85	0.10
		H <sub>2</sub> S	<0.01	<0.01
585-T6019	Tank No. 6019	VOC	36.23	0.53
		H <sub>2</sub> S	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
90-T103	Tank No. 90-TK103	VOC	0.03	<0.01
		H <sub>2</sub> S	<0.01	<0.01
90-T104	Tank No. 90-TK104	VOC	0.03	<0.01
		H <sub>2</sub> S	<0.01	<0.01
90-T105	Tank No. 90-TK105	VOC	0.03	<0.01
		H <sub>2</sub> S	<0.01	<0.01
91-T103	Tank No. 91-TK103	VOC	0.03	<0.01
		H <sub>2</sub> S	<0.01	<0.01
91-T104	Tank No. 91-TK104	VOC	0.03	<0.01
		H <sub>2</sub> S	<0.01	<0.01
91-T4001	Tank No. 4001	VOC	0.47	-
		H <sub>2</sub> S	<0.01	-
91-T4002	Tank No. 4002	VOC	0.47	-
		H <sub>2</sub> S	<0.01	-
91-T4003	Tank No. 4003	VOC	0.47	-
		H <sub>2</sub> S	<0.01	-
91DIETKCAP	Tank Nos. 4001-4003 Diesel Tank Cap	VOC	-	0.85
		H <sub>2</sub> S	-	<0.01
90-T5001	Tank No. 5001	VOC	8.28	-
		H <sub>2</sub> S	<0.01	-
90-T5002	Tank No. 5002	VOC	10.16	-
		H <sub>2</sub> S	0.01	-
90-T5003	Tank No. 5003	VOC	10.16	-
		H <sub>2</sub> S	0.01	-
90-T5004	Tank No. 5004	VOC	10.16	-
		H <sub>2</sub> S	0.01	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
90-T5005	Tank No. 5005	VOC	10.16	-
		H <sub>2</sub> S	0.01	-
90-T5006	Tank No. 5006	VOC	8.20	-
		H <sub>2</sub> S	<0.01	-
90-T5007	Tank No. 5007	VOC	8.28	-
		H <sub>2</sub> S	<0.01	-
90-T5008	Tank No. 5008	VOC	10.10	-
		H <sub>2</sub> S	<0.01	-
90CRUDECAP	Tank No. 5001- 5008 Crude CAP	VOC	-	20.45
		H <sub>2</sub> S	-	0.01
585TK6015	Tank No. 6015	VOC	0.83	3.12
		H <sub>2</sub> S	<0.01	<0.01

- (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<sub>x</sub> – total oxides of nitrogen  
CO – carbon monoxide  
PM – total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
PM<sub>10</sub> – total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>  
PM<sub>2.5</sub> – particulate matter equal to or less than 2.5 microns in diameter  
SO<sub>2</sub> – sulfur dioxide  
H<sub>2</sub>S – hydrogen sulfide  
NH<sub>3</sub> – ammonia  
COS – carbonyl sulfide  
CS<sub>2</sub> – carbon disulfide  
Cl<sub>2</sub> – chlorine  
HCl – hydrogen chloride
- (4) Compliance with annual emission limits (tons per year [TPY]) 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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (7) Sources emitting through the Combined Heater Stack include 4 Platformer Charge Heaters (FINs 546-H1, 546-H2, 546-H3, and 546-H4), Platformer Depentanizer Heater (FIN 546-H5), Platformer Aromatic Heater (FIN 546-H6), Hydrotreater Charge Heater (FIN 547-H-1), and Hydrotreater Stripper Reboiler (FIN 547-H-2).
- (8) Pilot emissions only.
- (9) The total annual emissions rate for the ULSD Charge Heater and the ULSD Reboiler Heater are limited to the annual cap indicated under EPN: 590-HCAP.
- (10) Coker Drums A and B do not vent simultaneously.
- (11) Annual emissions rate (tpy) is for Drums A and B combined.

Emission Sources - Maximum Allowable Emission Rates

Date: May 3, 2024