FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Phillips 66 Company

AUTHORIZING THE OPERATION OF
Borger Refinery
Petroleum Refineries

LOCATED AT
Hutchinson County, Texas
Latitude 35° 41' 50" Longitude 101° 22' 4"
Regulated Entity Number: RN102495884

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: O1440 Issuance Date: July 25, 2017

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, Subpart G, CC, UUU, ZZZZ and DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC

Chapter 113, Subchapter C, §113.120, §113.340, §113.780, §113.1090, and §113.1130, which incorporate the 40 CFR Part 63 Subparts by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

   A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

   B. Title 30 TAC § 101.3 (relating to Circumvention)

   C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

   D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

   E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

   F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

   G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

   H. Title 30 TAC § 101.221 (relating to Operational Requirements)

   I. Title 30 TAC § 101.222 (relating to Demonstrations)

   J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

   A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1 , shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

      (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

      (ii) Title 30 TAC § 111.111(a)(1)(E)

      (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

      (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

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

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

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

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader

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

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer

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

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

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

E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

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

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:

(i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)

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

4. 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)

5. 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

6. 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)

7. 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(g) (relating to Standards: General)

E. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)

F. 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)

G. Title 40 CFR § 61.355(k)(1) - (6), and (7)(i) - (iv) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures

H. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)

I. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)

J. Title 40 CFR § 61.356(b)(4) (relating to Recordkeeping Requirements)

K. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)

L. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)

M. Title 40 CFR § 61.357(d)(5) (relating to Reporting Requirements)

8. 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)

9. 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(b)(1), (2), (2)(i), (3), (4)(i) - (iv), and (5) (relating to Standards: Individual Drain Systems)

B. Title 40 CFR § 61.346(b)(2)(ii)(A) (relating to Standards: Individual Drain Systems), for junction boxes

10. 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.

11. For the chemical manufacturing process specified in 40 CFR Part 63, Subpart F, the permit holder shall comply with 40 CFR § 63.103(a) (relating to General Compliance, Reporting, and Recordkeeping Provisions) (Title 30 TAC Chapter 113, Subchapter C, § 113.110 incorporated by reference).

12. For the chemical manufacturing facilities subject to transfer operations requirements in 40 CFR Part 63, Subpart G, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):

A. Title 40 CFR § 63.126(e)(1) - (2), and (f) (relating to Transfer Operations Provisions Reference Control Technology)

B. Title 40 CFR § 63.128(f)(1) - (2) (relating to Transfer Operations Provisions - Test Methods and Procedures)

C. Title 40 CFR § 63.130(e) (relating to Transfer Operations Provisions - Periodic Recordkeeping and Reporting)

13. 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(l)(3) - (4) (relating to Applicability and Designation of Affected Source), for units and equipment added to an existing source

B. Title 40 CFR § 63.640(m)(1) - (2) (relating to Applicability and Designation of Affected Source), for units and emission points changing from Group 2 to Group 1 status

C. Title 40 CFR § 63.642(c) (relating to General Standards), for applicability of the General Provisions of Subpart A

D. Title 40 CFR § 63.642(e) (relating to General Standards), for recordkeeping

E. Title 40 CFR § 63.642(f) (relating to General Standards), for reporting

F. 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)

14. 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).

Additional Monitoring Requirements

15. 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 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.

16. 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 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

17. 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, 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 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

18. 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.

19. 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).

20. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

    A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit

    B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit

    C. Applicable requirements of 30 TAC § 116.617 for Pollution Control Projects based on the information contained in the registration application.

21. The permit holder shall comply with the following requirements for flexible permits of 30 TAC Chapter 116:

    A. Title 30 TAC § 116.715 (relating to General and Special Conditions)

    B. Title 30 TAC § 116.716 (relating to Emission Caps and Individual Emission Limitations)

C. Title 30 TAC § 116.717 (relating to Implementation Schedule for Additional Controls)

D. Title 30 TAC § 116.718 (relating to Significant Emission Increase)

E. Title 30 TAC § 116.720 (relating to Limitation on Physical and Operational Changes)

F. Title 30 TAC § 116.721(a) (relating to requirements for Amendments and Alterations)

Compliance Requirements

22. 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.

23. 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

24. 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

25. 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.

    B. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

Permit Location

26. 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)

27. 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

Applicable Requirements Summary

Unit Summary **16**

Applicable Requirements Summary **36**

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

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
0111	STORAGE TANKS/VESSELS	N/A	60Ka	40 CFR Part 60, Subpart Ka	No changing attributes.
0202	STORAGE TANKS/VESSELS	N/A	60Ka	40 CFR Part 60, Subpart Ka	No changing attributes.
0202	STORAGE TANKS/VESSELS	N/A	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
0202	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
0401	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
1025	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	N/A	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
1025	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
10H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
1165	STORAGE TANKS/VESSELS	N/A	60KB	40 CFR Part 60, Subpart Kb	No changing attributes.
1165	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
12E1	SRIC ENGINES	N/A	63ZZZZ-6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
12E2	SRIC ENGINES	N/A	63ZZZZ-6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
12E3	SRIC ENGINES	N/A	63ZZZZ-6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
12E4	SRIC ENGINES	N/A	63ZZZZ-6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
12E5	SRIC ENGINES	N/A	63ZZZZ-6	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
12E6	SRIC ENGINES	N/A	63ZZZZ-3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
12E7	SRIC ENGINES	N/A	63ZZZZ-3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
12H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-5-	40 CFR Part 63, Subpart DDDDD	No changing attributes.
19B1-H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
19B1-H2#2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
19B1-H2#3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
19B2-H4	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
19H3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
19H5#1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
19H5#2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
19H6	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
22H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
2510	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
2579	STORAGE TANKS/VESSELS	N/A	60KB	40 CFR Part 60, Subpart Kb	No changing attributes.
2579	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
2580	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
25H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
25V1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-B	30 TAC Chapter 111, Visible Emissions	No changing attributes.
25V1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
2673	STORAGE TANKS/VESSELS	N/A	60KB	40 CFR Part 60, Subpart Kb	No changing attributes.
2673	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
2674	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
2675	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
26H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
28H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
29H4	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
29P1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
29P1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-FLUID	40 CFR Part 60, Subpart J	No changing attributes.
29P1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-1	40 CFR Part 63, Subpart UUU	No changing attributes.
2H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
2H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
3001	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
3002	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
3003	STORAGE TANKS/VESSELS	N/A	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
3003	STORAGE TANKS/VESSELS	N/A	61FF-STORE	40 CFR Part 61, Subpart FF	No changing attributes.
34I1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-SRU	40 CFR Part 60, Subpart J	No changing attributes.
34I1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-2	40 CFR Part 63, Subpart UUU	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
36H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
40H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
40H3	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-Fuel	40 CFR Part 60, Subpart Ja	No changing attributes.
40P1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
40P1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-FLUID	40 CFR Part 60, Subpart J	No changing attributes.
40P1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-1	40 CFR Part 63, Subpart UUU	No changing attributes.
41H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
42H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
42H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
42H3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
43I1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-SRU	40 CFR Part 60, Subpart J	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
43I1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	63UUU-2	40 CFR Part 63, Subpart UUU	No changing attributes.
45V1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G	40 CFR Part 63, Subpart G	No changing attributes.
45V2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G	40 CFR Part 63, Subpart G	No changing attributes.
4H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
4H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-5-	40 CFR Part 63, Subpart DDDDD	No changing attributes.
50H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
50HT1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-5-	40 CFR Part 63, Subpart DDDDD	No changing attributes.
50HT2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-5-	40 CFR Part 63, Subpart DDDDD	No changing attributes.
50HT3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-5-	40 CFR Part 63, Subpart DDDDD	No changing attributes.
51H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
5505	STORAGE TANKS/VESSELS	N/A	63CC-03	40 CFR Part 63, Subpart CC	No changing attributes.
5531	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
5561	STORAGE TANKS/VESSELS	N/A	60Kb-1	40 CFR Part 60, Subpart Kb	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
5561	STORAGE TANKS/VESSELS	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
5596	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
5H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
5H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
5H3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
66FL1	FLARES	N/A	111.111FLARE	30 TAC Chapter 111, Visible Emissions	No changing attributes.
66FL1	FLARES	N/A	60.18-FLARE	40 CFR Part 60, Subpart A	No changing attributes.
66FL1	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-FUEL	40 CFR Part 60, Subpart Ja	No changing attributes.
66FL1	FLARES	N/A	63CC-FLARE	40 CFR Part 63, Subpart A	No changing attributes.
66FL12	FLARES	N/A	111.111FLARE	30 TAC Chapter 111, Visible Emissions	No changing attributes.
66FL12	FLARES	N/A	60.18 FLARE	40 CFR Part 60, Subpart A	No changing attributes.
66FL12	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-FUEL	40 CFR Part 60, Subpart Ja	No changing attributes.
66FL12	FLARES	N/A	63A-FLARE	40 CFR Part 63, Subpart A	No changing attributes.
66FL13	FLARES	N/A	60.18 FLARE	40 CFR Part 60, Subpart A	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
66FL13	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60J-FUEL	40 CFR Part 60, Subpart J	No changing attributes.
66FL13	FLARES	N/A	63CC-FLARE	40 CFR Part 63, Subpart A	No changing attributes.
66FL2	FLARES	N/A	111.111FLARE	30 TAC Chapter 111, Visible Emissions	No changing attributes.
66FL2	FLARES	N/A	60.18-FLARE	40 CFR Part 60, Subpart A	No changing attributes.
66FL2	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-FUEL	40 CFR Part 60, Subpart Ja	No changing attributes.
66FL2	FLARES	N/A	63CC-FLARE	40 CFR Part 63, Subpart A	No changing attributes.
66FL3	FLARES	N/A	111.111FLARE	30 TAC Chapter 111, Visible Emissions	No changing attributes.
66FL3	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-FUEL	40 CFR Part 60, Subpart Ja	No changing attributes.
66FL3	FLARES	N/A	63CC-FLARE	40 CFR Part 63, Subpart A	No changing attributes.
66FLH1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63CC-FLARE	40 CFR Part 63, Subpart CC	No changing attributes.
66FLH12	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63CC-FLARE	40 CFR Part 63, Subpart CC	No changing attributes.
66FLH2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63CC-FLARE	40 CFR Part 63, Subpart CC	No changing attributes.
66FLH3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63CC-FLARE	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
6H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10-	40 CFR Part 63, Subpart DDDDD	No changing attributes.
6H3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-5-	40 CFR Part 63, Subpart DDDDD	No changing attributes.
7E1	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
7E2	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
7E3	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
7E4	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
7E5	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
7E6	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
7H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
7H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
7H3	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10-	40 CFR Part 63, Subpart DDDDD	No changing attributes.
7H4	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
8001	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
81B17	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
85B2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	111-FVent	30 TAC Chapter 111, Visible Emissions	No changing attributes.
85B2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-1	40 CFR Part 60, Subpart Db	No changing attributes.
85B2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
9202	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
98H1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
98H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
9H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
BLR12	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-1	40 CFR Part 60, Subpart Db	D-Series Fuel Type #1 = Natural gas.
BLR12	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-2	40 CFR Part 60, Subpart Db	D-Series Fuel Type #1 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
BLR12	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-FUEL	40 CFR Part 60, Subpart Ja	No changing attributes.
BLR12	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-new	40 CFR Part 63, Subpart DDDDD	No changing attributes.
CPP1	SRIC ENGINES	N/A	60IIII-4	40 CFR Part 60, Subpart IIII	No changing attributes.
CPP1	SRIC ENGINES	N/A	63ZZZZ-7	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
CPP2	SRIC ENGINES	N/A	60IIII-4	40 CFR Part 60, Subpart IIII	No changing attributes.
CPP2	SRIC ENGINES	N/A	63ZZZZ-7	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
D011	STORAGE TANKS/VESSELS	N/A	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
D011	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
ENG-SC1	SRIC ENGINES	N/A	60IIII-03	40 CFR Part 60, Subpart IIII	No changing attributes.
ENG-SC1	SRIC ENGINES	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
F-11	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.
F-11	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
F-1-6-PB	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
F-19-1	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
F-19-1	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes
F-19-2	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.
F-19-2	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes
F-19-3	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes
F-19-3	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes
F-2	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.
F-2	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes
F-2-1	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.
F-2-1	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes
F-4	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.
F-4	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
F-5	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.
F-5	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes
F-53-2	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
F-6	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
F-66-3	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
F-66-FG	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
F-67	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.
F-67	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
F-68-1S	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
F-68-2N	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
F-68-3	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
F-68-4TA	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
F-6-B	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
F-7	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.
F-7	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes
F-81	FUGITIVE EMISSION UNITS	N/A	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
FGR-FUG	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FWP1	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FWP2	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FWP3	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FWP4	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FWP5	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-CCHFUG	FUGITIVE EMISSION UNITS	F-10, F-28, F-32, F-36, F-9	63CCH-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-CC-T0A	STORAGE TANKS/VESSELS	0109, 0110, 0552, 1067, 2571, 2572, 2578, 2670, 2671, 2672, 2676, 2677, 2678, 5508, 5511, 5537, 5538, 5539, 5540, 5542, 5543, 5544, 5545, 5546, 5548, 5587, 5588, 5589, 5598, 5600, 8011, 8012, 8013, 8015, 8033, 9200, 9504	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-CC-T0C	STORAGE TANKS/VESSELS	9700, 9701, 9702	6OKA	40 CFR Part 60, Subpart Ka	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-CCVVFUG	FUGITIVE EMISSION UNITS	F-12, F-1-42, F-1-6, F-1-7, F-1-9, F-2-109/111, F-22, F-23, F-25, F-2-5, F-26, F-2674, F-29, F-34, F-35, F-40, F-40-1, F-40-3, F-41, F-42, F-42LPCFD, F-43, F-44, F-50, F-51, F-53-1, F-56, F-66-1, F-66-2, F-68-1A, F-68-1E, F-68-1N, F-68-1R, F-68-1T, F-68-1W, F-68-2S, F-68-4N, F-68-4T, F-68-5, F-6-A, F-82, F-98, F-KD TANKS, SGC-FUG	63CCVV-ALL	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-EBCENG	SRIC ENGINES	ENG-EB1, ENG-EB2, ENG-EB3, ENG-EB4, ENG-EB5, ENG-EB6, ENG-EB7, ENG-EB8, ENG-EB9	60IIII-3	40 CFR Part 60, Subpart IIII	No changing attributes.
GRP-EBCENG	SRIC ENGINES	ENG-EB1, ENG-EB2, ENG-EB3, ENG-EB4, ENG-EB5, ENG-EB6, ENG-EB7, ENG-EB8, ENG-EB9	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-FF-T3A	STORAGE TANKS/VESSELS	UF17, VF02, VF03, VF04	61FF	40 CFR Part 61, Subpart FF	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-FF-T3A	STORAGE TANKS/VESSELS	UF17, VF02, VF03, VF04	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-FF-T3B	STORAGE TANKS/VESSELS	DD21, HG86	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
GRP-FF-T5A	STORAGE TANKS/VESSELS	VG49, VG50	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
GRP-KB-T1A	STORAGE TANKS/VESSELS	1006, 1007	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-KB-T1C	STORAGE TANKS/VESSELS	2072, 2577, 5520, 8031	60KB	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-KB-T1C	STORAGE TANKS/VESSELS	2072, 2577, 5520, 8031	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-KB-T2A	STORAGE TANKS/VESSELS	0562, 4030, 5521, 5551, 5553, 5554, 5555, 5557, 5583, 5584, 5591, 5592, 5593, 5597, 5599, 8002, 8010, 8014, 8032, 8034, 9201, 9500, 9501, 9502, 9503	60KB	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-KB-T2A	STORAGE TANKS/VESSELS	0562, 4030, 5521, 5551, 5553, 5554, 5555, 5557, 5583, 5584, 5591, 5592, 5593, 5597, 5599, 8002, 8010, 8014, 8032, 8034, 9201, 9500, 9501, 9502, 9503	63CC	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-KB-T2B	STORAGE TANKS/VESSELS	1164, 1522, 2553, 5559, 5560	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-KB-T3B	STORAGE TANKS/VESSELS	1012, 1013, 1064, 1163, 2576, 5558, 5578, 5578X, 5580	60KB	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-KB-T3B	STORAGE TANKS/VESSELS	1012, 1013, 1064, 1163, 2576, 5558, 5578, 5578X, 5580	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-KB-TK3	STORAGE TANKS/VESSELS	0572, 0573	60Kb	40 CFR Part 60, Subpart Kb	No changing attributes.
GRP-LOAD	LOADING/UNLOADING OPERATIONS	53R3, 53R4, 53T2	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-QQQ-T4	STORAGE TANKS/VESSELS	9600, 9601	60QQQ	40 CFR Part 60, Subpart QQQ	No changing attributes.
GRP-QQQ-T4	STORAGE TANKS/VESSELS	9600, 9601	63CC	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-RFUEL	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	10H1, 12H1, 19B1/19H1, 19B1-H2#2, 19B2-H4, 19H3, 19H5#1, 19H5#2, 19H6, 22H1, 25H1, 26H1, 28H1, 29H4, 2H1, 2H2, 36H1, 40H1, 41H1, 42H1, 42H2, 42H3, 4H1, 4H2, 50H1, 50HT1, 50HT2, 50HT3, 51H1, 5H1, 5H2, 5H3, 6H1, 6H3, 7H1, 7H2, 7H3, 7H4, 81B17, 9H1	60J-FUEL	40 CFR Part 60, Subpart J	No changing attributes.
40H3	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-1	40 CFR Part 60, Subpart Dc	No changing attributes.
40H3	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
GRP-TANK	STORAGE TANKS/VESSELS	8035, 8036, 9400, 9401	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
GRP-V100	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	41H1, 81B17, BLR12, SKIDBLR	111-LVent	30 TAC Chapter 111, Visible Emissions	No changing attributes.
MEROX	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63CC-FLARE	40 CFR Part 63, Subpart CC	No changing attributes.
NHT-3	SRIC ENGINES	N/A	63ZZZZ-8	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
SKIDBLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-1	40 CFR Part 60, Subpart Db	FACILITY TYPE = The affected facility does not include a fuel gas combustion device., D-SERIES FUEL TYPE = Natural Gas
SKIDBLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-2	40 CFR Part 60, Subpart Db	FACILITY TYPE = The affected facility includes a fuel gas combustion device., MONITORING DEVICE = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device., COMMON FUEL SOURCE = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices., D-SERIES FUEL TYPE #2 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas.
SKIDBLR	FCCU CAT REGEN/FUEL GAS COMBUSTION/CLAUS SRU	N/A	60Ja-FUEL	40 CFR Part 60, Subpart Ja	No changing attributes.
SKIDBLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-10+	40 CFR Part 63, Subpart DDDDD	No changing attributes.
SKIDBLRFUG	FUGITIVE EMISSION UNITS	N/A	60GGGa-ALL	40 CFR Part 60, Subpart GGGa	No changing attributes.
SKIDBLRFUG	FUGITIVE EMISSION UNITS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TH1	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TH2	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
TK2530	STORAGE TANKS/VESSELS	N/A	63CC-01	40 CFR Part 63, Subpart CC	No changing attributes.
TKOFF	STORAGE TANKS/VESSELS	N/A	63CC-02	40 CFR Part 63, Subpart CC	No changing attributes.
VD114	STORAGE TANKS/VESSELS	N/A	61FF	40 CFR Part 61, Subpart FF	No changing attributes.
VD114	STORAGE TANKS/VESSELS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.
VG08	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63CC	40 CFR Part 63, Subpart CC	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
0111	EU	60Ka	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
0202	EU	60Ka	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None
0202	EU	61FF	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)
0202	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
0401	EU	60Kb	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) § 60.116b(e)(2)(i)	§ 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)
1025	EU	61FF	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) § 61.349(f) § 61.349(g)	Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the oil-water separator to a control device.	§ 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) § 61.354(e) [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)
1025	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.646(a) § 63.11 § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m) § 63.646(g)	Each owner or operator of a Group 1 storage vessel subject to this subpart shall comply with the requirements of §63.119 - §63.121 except as provided in §63.646(b)-(l).	§ 63.120(e)(1) § 63.120(e)(4) [G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d) § 63.646(b)(1)	[G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3) § 63.642(e) § 63.646(b)(1) § 63.655(h)(1) § 63.655(i)(1)(iv) § 63.655(i)(5)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(3) [G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d) § 63.642(f) § 63.655(f) [G]§ 63.655(f)(1)(i)(B) § 63.655(f)(6) § 63.655(g) [G]§ 63.655(g)(5) § 63.655(h) § 63.655(h)(1) § 63.655(h)(2)(i) § 63.655(h)(2)(i)(A) § 63.655(h)(2)(i)(C) [G]§ 63.655(h)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
1165	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) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 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)
1165	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
12E1	EU	63ZZZZ-6	Formaldehyde	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.2 § 63.6605(a) § 63.6605(b) § 63.6620(f) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each 4SRB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, except during periods of startup, operating at 100% load plus or minus 10%, you must reduce formaldehyde emissions by 76% or more.	§ 63.6610(a) § 63.6610(b) § 63.6610(c) [G]§ 63.6610(d) § 63.6615 § 63.6620(a) § 63.6620(a)-Table4.2.a.i § 63.6620(a)-Table4.2.a.ii § 63.6620(a)-Table4.2.a.iii § 63.6620(a)-Table4.2.a.iv § 63.6620(b) § 63.6620(b)(1) § 63.6620(d) § 63.6620(e)(1) § 63.6620(f) [G]§ 63.6625(b) § 63.6630(a)-Table5.8.a.i § 63.6630(a)-Table5.8.a.ii § 63.6630(a)-Table5.8.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.5.a.i § 63.6640(a)-Table6.5.a.ii § 63.6640(a)-Table6.5.a.iii § 63.6640(b)	§ 63.6620(i) § 63.6630(a)-Table5.8.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	[G]§ 63.6620(h) § 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 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)
12E2	EU	63ZZZZ-6	Formaldehyde	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.2 § 63.6605(a) § 63.6605(b) § 63.6620(f) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each 4SRB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, except during periods of startup, operating at 100% load plus or minus 10%, you must reduce formaldehyde emissions by 76% or more.	§ 63.6610(a) § 63.6610(b) § 63.6610(c) [G]§ 63.6610(d) § 63.6615 § 63.6620(a) § 63.6620(a)-Table4.2.a.i § 63.6620(a)-Table4.2.a.ii § 63.6620(a)-Table4.2.a.iii § 63.6620(a)-Table4.2.a.iv § 63.6620(b) § 63.6620(b)(1) § 63.6620(d) § 63.6620(e)(1) § 63.6620(f) [G]§ 63.6625(b) § 63.6630(a)-Table5.8.a.i § 63.6630(a)-Table5.8.a.ii § 63.6630(a)-Table5.8.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.5.a.i § 63.6640(a)-Table6.5.a.ii § 63.6640(a)-Table6.5.a.iii § 63.6640(b)	§ 63.6620(i) § 63.6630(a)-Table5.8.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	[G]§ 63.6620(h) § 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 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)
12E3	EU	63ZZZZ-6	Formaldehyde	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.2 § 63.6605(a) § 63.6605(b) § 63.6620(f) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each 4SRB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, except during periods of startup, operating at 100% load plus or minus 10%, you must reduce formaldehyde emissions by 76% or more.	§ 63.6610(a) § 63.6610(b) § 63.6610(c) [G]§ 63.6610(d) § 63.6615 § 63.6620(a) § 63.6620(a)-Table4.2.a.i § 63.6620(a)-Table4.2.a.ii § 63.6620(a)-Table4.2.a.iii § 63.6620(a)-Table4.2.a.iv § 63.6620(b) § 63.6620(b)(1) § 63.6620(d) § 63.6620(e)(1) § 63.6620(f) [G]§ 63.6625(b) § 63.6630(a)-Table5.8.a.i § 63.6630(a)-Table5.8.a.ii § 63.6630(a)-Table5.8.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.5.a.i § 63.6640(a)-Table6.5.a.ii § 63.6640(a)-Table6.5.a.iii § 63.6640(b)	§ 63.6620(i) § 63.6630(a)-Table5.8.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	[G]§ 63.6620(h) § 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 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)
12E4	EU	63ZZZZ-6	Formaldehyde	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.2 § 63.6605(a) § 63.6605(b) § 63.6620(f) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each 4SRB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, except during periods of startup, operating at 100% load plus or minus 10%, you must reduce formaldehyde emissions by 76% or more.	§ 63.6610(a) § 63.6610(b) § 63.6610(c) [G]§ 63.6610(d) § 63.6615 § 63.6620(a) § 63.6620(a)-Table4.2.a.i § 63.6620(a)-Table4.2.a.ii § 63.6620(a)-Table4.2.a.iii § 63.6620(a)-Table4.2.a.iv § 63.6620(b) § 63.6620(b)(1) § 63.6620(d) § 63.6620(e)(1) § 63.6620(f) [G]§ 63.6625(b) § 63.6630(a)-Table5.8.a.i § 63.6630(a)-Table5.8.a.ii § 63.6630(a)-Table5.8.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.5.a.i § 63.6640(a)-Table6.5.a.ii § 63.6640(a)-Table6.5.a.iii § 63.6640(b)	§ 63.6620(i) § 63.6630(a)-Table5.8.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	[G]§ 63.6620(h) § 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
12E5	EU	63ZZZZ-6	Formaldehyde	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.2 § 63.6605(a) § 63.6605(b) § 63.6620(f) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each 4SRB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, except during periods of startup, operating at 100% load plus or minus 10%, you must reduce formaldehyde emissions by 76% or more.	§ 63.6610(a) § 63.6610(b) § 63.6610(c) [G]§ 63.6610(d) § 63.6615 § 63.6620(a) § 63.6620(a)-Table4.2.a.i § 63.6620(a)-Table4.2.a.ii § 63.6620(a)-Table4.2.a.iii § 63.6620(a)-Table4.2.a.iv § 63.6620(b) § 63.6620(b)(1) § 63.6620(d) § 63.6620(e)(1) § 63.6620(f) [G]§ 63.6625(b) § 63.6630(a)-Table5.8.a.i § 63.6630(a)-Table5.8.a.ii § 63.6630(a)-Table5.8.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.5.a.i § 63.6640(a)-Table6.5.a.ii § 63.6640(a)-Table6.5.a.iii § 63.6640(b)	§ 63.6620(i) § 63.6630(a)-Table5.8.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	[G]§ 63.6620(h) § 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
12E6	EU	63ZZZZ-3	Formaldehyde	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.11 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 4SRB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of HCHO in the stationary RICE exhaust to 10.3 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.iv § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	[G]§ 63.6620(h) § 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
12E7	EU	63ZZZZ-3	Formaldehyde	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.11 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 4SRB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of HCHO in the stationary RICE exhaust to 10.3 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.iv § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	[G]§ 63.6620(h) § 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
12H1	EU	63DDDDD-5-	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v) § 63.7540(a)(12)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
19B1-H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
19B1-H2#2	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
19B1-H2#3	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
19B2-H4	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
19H3	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
19H5#1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
19H5#2	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
19H6	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
22H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
2510	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

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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)
2579	EU	60KB	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)
2579	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
2580	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

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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)
25H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
25V1	EP	R1111-B	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
25V1	EP	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(1)	All miscellaneous process vents from petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	[G]§ 63.645(g) § 63.645(h) § 63.645(h)(1) § 63.645(h)(2)	§ 63.655(g)(7)(ii) § 63.655(i)(5)	§ 63.645(h)(2) § 63.655(f) § 63.655(f)(1)(ii) § 63.655(g) § 63.655(g)(7) § 63.655(g)(7)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
2673	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) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 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)
2673	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
2674	EU	63CC-01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
2675	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
26H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
28H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
29H4	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
29P1	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E) § 111.111(a)(2)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) § 111.111(a)(2)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
29P1	EU	60J-FLUID	SO_2	40 CFR Part 60, Subpart J	§ 60.104(b)(3) § 60.104(c) § 60.108(b)	For each affected fluid catalytic cracking unit catalyst regenerator, process in the fluid catalytic cracking unit fresh feed that has a total sulfur content no greater than 0.30 percent by weight.	§ 60.106(a) § 60.106(g) [G]§ 60.106(j) § 60.108(a) § 60.108(c) § 60.108(d) § 60.108(e)	§ 60.107(b)(3) § 60.107(b)(4)	§ 60.107(a) § 60.107(c) [G]§ 60.107(c)(1) [G]§ 60.107(c)(3) § 60.107(c)(6) § 60.107(d) § 60.107(f) § 60.107(g) § 60.108(e)
29P1	EU	60J-FLUID	CO	40 CFR Part 60, Subpart J	§ 60.103(a) § 60.105(a)(2)	No owner or operator shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator any gases that contain carbon monoxide (CO) in excess of 500 ppm by volume (dry basis).	§ 60.105(a)(2) § 60.105(a)(2)(i) § 60.106(a) § 60.106(d)	§ 60.105(a)(2) § 60.105(c)	§ 60.105(e)(2) § 60.107(f) § 60.107(g)
29P1	EU	60J-FLUID	PM	40 CFR Part 60, Subpart J	§ 60.102(a)(1)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator particulate matter in excess of 1.0 kg/Mg (2.0 lb/ton) of coke burn-off in the catalyst regenerator.	§ 60.106(a) § 60.106(b) § 60.106(b)(1) § 60.106(b)(2) [G]§ 60.106(b)(3) ** See CAM Summary	§ 60.105(c)	§ 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
29P1	EU	60J-FLUID	PM (Opacity)	40 CFR Part 60, Subpart J	§ 60.102(a)(2)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator gases exhibiting greater than 30 percent opacity, except for one six-minute average opacity reading in any one hour period.	§ 60.105(a)(1) § 60.106(a) § 60.106(b) § 60.106(b)(4) ** See CAM Summary	§ 60.105(a)(1) § 60.105(c)	§ 60.105(e)(1) § 60.107(f) § 60.107(g)
29P1	EU	63UUU-1	CO	40 CFR Part 63, Subpart UUU	§ 63.1565(a)(1)-Table8.1 § 63.1565(a)(1) § 63.1565(a)(2) § 63.1565(a)(2)-Table9.1 § 63.1565(a)(3) § 63.1565(a)(4) § 63.1565(b)(3) § 63.1565(b)(4) § 63.1565(b)(4)-Table12.1 § 63.1565(c)(1) § 63.1565(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g) [G]§ 63.1571(e)	For each new and existing CCU subject to the NSPS for CO in 40 CFR §60.103 or electing to comply with the NSPS requirements (Option 1), CO emissions from the catalyst regenerator vent or CO boiler serving the CCU must not exceed 500 parts per million volume (ppmv) (dry basis).	§ 63.1565(b)(1) § 63.1565(b)(1)-Table10.1 § 63.1565(c)(1)-Table13.1 § 63.1565(c)(1)-Table14.1 [G]§ 63.1571(b) § 63.1572(a) § 63.1572(a)(1) § 63.1572(a)(1)-Table40.2 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d) [G]§ 63.1573(a)(2)	§ 63.1565(b)(1)-Table10.1 § 63.1570(c) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1565(b)(5) § 63.1565(b)(6) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h) [G]§ 63.1575(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
29P1	EU	63UUU-1	PM	40 CFR Part 63, Subpart UUU	§ 63.1564(a)(1)-Table1.1 § 63.1564(a)(1) § 63.1564(a)(2) § 63.1564(a)(2)-Table2.1 § 63.1564(a)(3) § 63.1564(a)(4) § 63.1564(b)(5) § 63.1564(b)(5)-Table5.1 § 63.1564(c)(1) § 63.1564(c)(1)-Table7.1 § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g)	For each new or existing CCU subject to NSPS for PM in 40 CFR §60.102, PM emissions must not exceed 1.0 kg/1,000 kg (1.0 lb/1,000 lbs) of coke burn-off in the catalyst regenerator and, if applicable, the incremental rate of PM emissions must not exceed 43.0 g/GJ (0.10 lb/MMBtu) of heat input attributable to auxiliary or supplemental fired liquid or solid fossil fuel.	§ 63.1564(b)(1) § 63.1564(b)(1)-Table3.1 § 63.1564(c)(1)-Table6.1.a.i § 63.1572(b) § 63.1572(b)(1)-Table40.1 § 63.1572(b)(2) § 63.1572(b)(3) [G]§ 63.1572(d)	§ 63.1564(b)(1)-Table3.1 § 63.1564(c)(2) § 63.1570(c) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1564(b)(6) § 63.1564(b)(7) § 63.1570(f) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h) [G]§ 63.1575(i)

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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)
29P1	EU	63UUU-1	PM (Opacity)	40 CFR Part 63, Subpart UUU	§ 63.1564(a)(1)-Table1.1 § 63.1564(a)(1) § 63.1564(a)(2) § 63.1564(a)(2)-Table2.1 § 63.1564(a)(3) § 63.1564(a)(4) § 63.1564(b)(5) § 63.1564(b)(5)-Table5.1 § 63.1564(c)(1) § 63.1564(c)(1)-Table7.1 § 63.1570(b) § 63.1570(c) § 63.1570(d) § 63.1570(g)	For each new or existing CCU subject to NSPS for PM in 40 CFR §60.102, opacity of emissions must not exceed 30%, except for one 6-minute average opacity reading in any 1-hour period.	§ 63.1564(b)(1) § 63.1564(b)(1)-Table3.1 § 63.1564(c)(1)-Table6.1.a.i § 63.1572(b) § 63.1572(b)(1)-Table40.1 § 63.1572(b)(2) § 63.1572(b)(3) [G]§ 63.1572(d)	§ 63.1564(b)(1)-Table3.1 § 63.1564(c)(2) § 63.1570(c) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1564(b)(6) § 63.1564(b)(7) § 63.1570(f) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h) [G]§ 63.1575(i)

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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)
2H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
2H2	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
3001	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
3002	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
3003	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) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 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)
3003	EU	61FF-STORE	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(A) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6)	§ 60.115b [G]§ 60.115b(b)(3) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)

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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)
34I1	PRO	60J-SRU	SO_2	40 CFR Part 60, Subpart J	§ 60.104(a)(2)(i)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any Claus sulfur recovery plant with a reduction control system followed by incineration any gases containing in excess of 250 ppm by volume of SO2 at zero percent excess air.	[G]§ 60.105(a)(5) § 60.106(a) [G]§ 60.106(f) ** See CAM Summary	[G]§ 60.105(a)(5)	§ 60.105(e)(4)(i) § 60.107(d) § 60.107(f) § 60.107(g)
34I1	EU	63UUU-2	SO_2	40 CFR Part 63, Subpart UUU	§ 63.1568(a)(1)-Table29.1.a § 63.1568(a)(1) § 63.1568(a)(2) § 63.1568(a)(2)-Table30.1 § 63.1568(a)(3) § 63.1568(b)(3) § 63.1568(b)(4) § 63.1568(b)(5) § 63.1568(b)(5)-Table33.1.a § 63.1568(c)(1) § 63.1568(c)(1)-Table35.1 § 63.1568(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g)	For each new or existing Claus SRU part of a sulfur recovery plant of 20 long tons per day or more and subject to NSPS for sulfur oxides in 40 CFR §60.104(a)(2), you must meet the emission limit for each process vent of 250ppmv (dry basis) of sulfur dioxide (SO2) at zero percent excess air if you use an oxidation or reduction control system followed by incineration.	§ 63.1568(b)(1) § 63.1568(b)(1)-Table31.1.a § 63.1568(c)(1)-Table34.1.a § 63.1572(a)(1)-Table40.4 § 63.1572(a)(1)-Table40.8 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d)	§ 63.1568(b)(1)-Table31.1.a § 63.1568(c)(1)-Table34.1.a § 63.1570(c) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
40H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
40H3	EU	60Ja-Fuel	§111 Pollutant	40 CFR Part 60, Subpart Ja	§ 60.100a(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart Ja
40P1	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E) § 111.111(a)(2)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) § 111.111(a)(2)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	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)
40P1	EU	60J-FLUID	SO_2	40 CFR Part 60, Subpart J	§ 60.104(b)(3) § 60.104(c) § 60.108(b)	For each affected fluid catalytic cracking unit catalyst regenerator, process in the fluid catalytic cracking unit fresh feed that has a total sulfur content no greater than 0.30 percent by weight.	§ 60.106(a) § 60.106(g) [G]§ 60.106(j) § 60.108(a) § 60.108(c) § 60.108(d) § 60.108(e)	§ 60.107(b)(3) § 60.107(b)(4)	§ 60.107(a) § 60.107(c) [G]§ 60.107(c)(1) [G]§ 60.107(c)(3) § 60.107(c)(6) § 60.107(d) § 60.107(f) § 60.107(g) § 60.108(e)
40P1	EU	60J-FLUID	CO	40 CFR Part 60, Subpart J	§ 60.103(a) § 60.105(a)(2)	No owner or operator shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator any gases that contain carbon monoxide (CO) in excess of 500 ppm by volume (dry basis).	§ 60.105(a)(2) § 60.105(a)(2)(i) § 60.106(a) § 60.106(d)	§ 60.105(a)(2) § 60.105(c)	§ 60.105(e)(2) § 60.107(f) § 60.107(g)
40P1	EU	60J-FLUID	PM	40 CFR Part 60, Subpart J	§ 60.102(a)(1)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator particulate matter in excess of 1.0 kg/Mg (2.0 lb/ton) of coke burn-off in the catalyst regenerator.	§ 60.106(a) § 60.106(b) § 60.106(b)(1) § 60.106(b)(2) [G]§ 60.106(b)(3) ** See CAM Summary	§ 60.105(c)	§ 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
40P1	EU	60J-FLUID	PM (Opacity)	40 CFR Part 60, Subpart J	§ 60.102(a)(2)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator gases exhibiting greater than 30 percent opacity, except for one six-minute average opacity reading in any one hour period.	§ 60.105(a)(1) § 60.106(a) § 60.106(b) § 60.106(b)(4) ** See CAM Summary	§ 60.105(a)(1) § 60.105(c)	§ 60.105(e)(1) § 60.107(f) § 60.107(g)
40P1	EU	63UUU-1	CO	40 CFR Part 63, Subpart UUU	§ 63.1565(a)(1)-Table8.1 § 63.1565(a)(1) § 63.1565(a)(2) § 63.1565(a)(2)-Table9.1 § 63.1565(a)(3) § 63.1565(a)(4) § 63.1565(b)(3) § 63.1565(b)(4) § 63.1565(b)(4)-Table12.1 § 63.1565(c)(1) § 63.1565(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g) [G]§ 63.1571(e)	For each new and existing CCU subject to the NSPS for CO in 40 CFR §60.103 or electing to comply with the NSPS requirements (Option 1), CO emissions from the catalyst regenerator vent or CO boiler serving the CCU must not exceed 500 parts per million volume (ppmv) (dry basis).	§ 63.1565(b)(1) § 63.1565(b)(1)-Table10.1 § 63.1565(c)(1)-Table13.1 § 63.1565(c)(1)-Table14.1 [G]§ 63.1571(b) § 63.1572(a) § 63.1572(a)(1) § 63.1572(a)(1)-Table40.2 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d) [G]§ 63.1573(a)(2)	§ 63.1565(b)(1)-Table10.1 § 63.1570(c) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1565(b)(5) § 63.1565(b)(6) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h) [G]§ 63.1575(i)

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40P1	EU	63UUU-1	PM	40 CFR Part 63, Subpart UUU	§ 63.1564(a)(1)-Table1.1 § 63.1564(a)(1) § 63.1564(a)(2) § 63.1564(a)(2)-Table2.1 § 63.1564(a)(3) § 63.1564(a)(4) § 63.1564(b)(5) § 63.1564(b)(5)-Table5.1 § 63.1564(c)(1) § 63.1564(c)(1)-Table7.1 § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g)	For each new or existing CCU subject to NSPS for PM in 40 CFR §60.102, PM emissions must not exceed 1.0 kg/1,000 kg (1.0 lb/1,000 lbs) of coke burn-off in the catalyst regenerator and, if applicable, the incremental rate of PM emissions must not exceed 43.0 g/GJ (0.10 lb/MMBtu) of heat input attributable to auxiliary or supplemental fired liquid or solid fossil fuel.	§ 63.1564(b)(1) § 63.1564(b)(1)-Table3.1 § 63.1564(c)(1)-Table6.1.a.i § 63.1572(b) § 63.1572(b)(1)-Table40.1 § 63.1572(b)(2) § 63.1572(b)(3) [G]§ 63.1572(d)	§ 63.1564(b)(1)-Table3.1 § 63.1564(c)(2) § 63.1570(c) [G]§ 63.1576(a) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1564(b)(6) § 63.1564(b)(7) § 63.1570(f) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h) [G]§ 63.1575(i)

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40P1	EU	63UUU-1	PM (Opacity)	40 CFR Part 63, Subpart UUU	§ 63.1564(a)(1)-Table1.1 § 63.1564(a)(1) § 63.1564(a)(2) § 63.1564(a)(2)-Table2.1 § 63.1564(a)(3) § 63.1564(a)(4) § 63.1564(b)(5) § 63.1564(b)(5)-Table5.1 § 63.1564(c)(1) § 63.1564(c)(1)-Table7.1 § 63.1570(b) § 63.1570(c) § 63.1570(d) § 63.1570(g)	For each new or existing CCU subject to NSPS for PM in 40 CFR §60.102, opacity of emissions must not exceed 30%, except for one 6-minute average opacity reading in any 1-hour period.	§ 63.1564(b)(1) § 63.1564(b)(1)-Table3.1 § 63.1564(c)(1)-Table6.1.a.i § 63.1572(b) § 63.1572(b)(1)-Table40.1 § 63.1572(b)(2) § 63.1572(b)(3) [G]§ 63.1572(d)	§ 63.1564(b)(1)-Table3.1 § 63.1564(c)(2) § 63.1570(c) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1564(b)(6) § 63.1564(b)(7) § 63.1570(f) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h) [G]§ 63.1575(i)
41H1	EU	63DDDDD-10+	112B(HAPS)	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7540(a) § 63.7540(a)(1) § 63.7540(a)(12) § 63.7540(a)(13)	Boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio.	§ 63.7515(d) § 63.7540(a) § 63.7540(a)(1)	[G]§ 63.7555(a)	§ 63.7530(e) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c)

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42H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
42H2	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
42H3	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
43I1	PRO	60J-SRU	SO_2	40 CFR Part 60, Subpart J	§ 60.104(a)(2)(i)	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any Claus sulfur recovery plant with a reduction control system followed by incineration any gases containing in excess of 250 ppm by volume of SO2 at zero percent excess air.	[G]§ 60.105(a)(5) § 60.106(a) [G]§ 60.106(f) ** See CAM Summary	[G]§ 60.105(a)(5)	§ 60.105(e)(4)(i) § 60.107(d) § 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
43I1	EU	63UUU-2	SO_2	40 CFR Part 63, Subpart UUU	§ 63.1568(a)(1)-Table29.1.a § 63.1568(a)(1) § 63.1568(a)(2) § 63.1568(a)(2)-Table30.1 § 63.1568(a)(3) § 63.1568(b)(3) § 63.1568(b)(4) § 63.1568(b)(5) § 63.1568(b)(5)-Table33.1.a § 63.1568(c)(1) § 63.1568(c)(1)-Table35.1 § 63.1568(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(d) § 63.1570(g)	For each new or existing Claus SRU part of a sulfur recovery plant of 20 long tons per day or more and subject to NSPS for sulfur oxides in 40 CFR §60.104(a)(2), you must meet the emission limit for each process vent of 250ppmv (dry basis) of sulfur dioxide (SO2) at zero percent excess air if you use an oxidation or reduction control system followed by incineration.	§ 63.1568(b)(1) § 63.1568(b)(1)-Table31.1.a § 63.1568(c)(1)-Table34.1.a § 63.1572(a)(1)-Table40.4 § 63.1572(a)(1)-Table40.8 § 63.1572(a)(2) § 63.1572(a)(3) § 63.1572(a)(4) [G]§ 63.1572(d)	§ 63.1568(b)(1)-Table31.1.a § 63.1568(c)(1)-Table34.1.a § 63.1570(c) [G]§ 63.1576(a) [G]§ 63.1576(b) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1571(a) [G]§ 63.1574(a) § 63.1574(d) § 63.1574(d)-Table42.1 § 63.1574(d)-Table42.2 § 63.1574(d)-Table42.3 § 63.1575(a) § 63.1575(a)-Table43.1 [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(e) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(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)
45V1	EP	63G	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
45V2	EP	63G	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

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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)
4H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
4H2	EU	63DDDDD-5-	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v) § 63.7540(a)(12)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50HT1	EU	63DDDDD-5-	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v) § 63.7540(a)(12)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50HT2	EU	63DDDDD-5-	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v) § 63.7540(a)(12)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50HT3	EU	63DDDDD-5-	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v) § 63.7540(a)(12)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
51H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
5505	EU	63CC-03	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
5531	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
5561	EU	60Kb-1	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) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 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)
5561	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
5596	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

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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)
5H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
5H2	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
5H3	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
66FL1	EU	111.111FLARE	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, except for emission event emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
66FL1	CD	60.18-FLARE	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)(i) § 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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
66FL1	EU	60Ja-FUEL	H2S	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(c)(1) [G]§ 60.103a(e) § 60.103a(f) [G]§ 60.l03a(b) [G]§ 60.l03a(d)	The permit holder shall not burn in any affected flare any fuel gas that contains H2S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis.	[G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) [G]§ 60.l07a(f)	[G]§ 60.107a(a)(2) [G]§ 60.107a(e)(2) § 60.108a(c)(1) [G]§ 60.108a(c)(6) § 60.108a(c)(7) [G]§ 60.l07a(f) [G]§ 60.l07a(i)(2)	§ 60.103a(b)(3) [G]§ 60.107a(i)(2) [G]§ 60.108a(d)
66FL1	CD	63CC-FLARE	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
66FL12	EU	111.111FLARE	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, except for emission event emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
66FL12	CD	60.18 FLARE	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)(i) § 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
66FL12	EU	60Ja-FUEL	H2S	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60. l03a(d) [G]§ 60.103a(a) [G]§ 60.103a(c)(1) [G]§ 60.103a(e) § 60.103a(f) [G]§ 60.l03a(b)	The permit holder shall not burn in any affected flare any fuel gas that contains H2S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis.	[G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) [G]§ 60.l07a(f)	[G]§ 60.107a(a)(2) [G]§ 60.107a(e)(2) § 60.108a(c)(1) [G]§ 60.108a(c)(6) § 60.108a(c)(7) [G]§ 60.l07a(f) [G]§ 60.l07a(i)(2)	§ 60.103a(b)(3) [G]§ 60.107a(i)(2) [G]§ 60.108a(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
66FL12	CD	63A-FLARE	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
66FL13	CD	60.18 FLARE	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)(i) § 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
66FL13	EU	60J-FUEL	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 (H2S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 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(d) § 60.107(f) § 60.107(g)
66FL13	CD	63CC-FLARE	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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
66FL2	EU	111.111FLARE	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, except for emission event emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
66FL2	CD	60.18-FLARE	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)(i) § 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
66FL2	EU	60Ja-FUEL	H2S	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(c)(1) [G]§ 60.103a(e) § 60.103a(f) [G]§ 60.l03a(b) [G]§ 60.l03a(d)	The permit holder shall not burn in any affected flare any fuel gas that contains H2S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis.	[G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) [G]§ 60.l07a(f)	[G]§ 60.107a(a)(2) [G]§ 60.107a(e)(2) § 60.108a(c)(1) [G]§ 60.108a(c)(6) § 60.108a(c)(7) [G]§ 60.l07a(f) [G]§ 60.l07a(i)(2)	§ 60.103a(b)(3) [G]§ 60.107a(i)(2) [G]§ 60.108a(d)
66FL2	CD	63CC-FLARE	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
66FL3	EU	111.111FLARE	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, except for emission event emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
66FL3	EU	60Ja-FUEL	H2S	40 CFR Part 60, Subpart Ja	§ 60.103a(h) [G]§ 60.103a(a) [G]§ 60.103a(c)(1) [G]§ 60.103a(e) § 60.103a(f) [G]§ 60.l03a(b) [G]§ 60.l03a(d)	The permit holder shall not burn in any affected flare any fuel gas that contains H2S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis.	[G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) [G]§ 60.l07a(f)	[G]§ 60.107a(a)(2) [G]§ 60.107a(e)(2) § 60.108a(c)(1) [G]§ 60.108a(c)(6) § 60.108a(c)(7) [G]§ 60.l07a(f) [G]§ 60.l07a(i)(2)	§ 60.103a(b)(3) [G]§ 60.107a(i)(2) [G]§ 60.108a(d)
66FL3	CD	63CC-FLARE	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
66FLH1	EP	63CC-FLARE	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.11(b) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(2) § 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)
66FLH12	EP	63CC-FLARE	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.11(b) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(2) § 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
66FLH2	EP	63CC-FLARE	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.11(b) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(2) § 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)
66FLH3	EP	63CC-FLARE	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.11(b) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(2) § 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
6H1	EU	63DDDDD-10-	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v) § 63.7540(a)(11)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
6H3	EU	63DDDDD-5-	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v) § 63.7540(a)(12)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
7E1	EU	63ZZZZ-1	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 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)
7E2	EU	63ZZZZ-1	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 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)
7E3	EU	63ZZZZ-1	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 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)
7E4	EU	63ZZZZ-1	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 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)
7E5	EU	63ZZZZ-1	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 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)
7E6	EU	63ZZZZ-1	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.9 § 63.6595(a)(1) § 63.6595(c) § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6640(b)	For each existing non-emergency, non-black start 2SLB stationary RICE with a site rating greater than or equal to 100 HP and less than or equal to 500 HP, located at a major source, you must limit the concentration of CO in the stationary RICE exhaust to 225 ppmvd or less at 15% O2.	§ 63.6612(a) [G]§ 63.6612(b) § 63.6620(a) § 63.6620(a)-Table4.3.a.i § 63.6620(a)-Table4.3.a.ii § 63.6620(a)-Table4.3.a.iii § 63.6620(a)-Table4.3.a.v § 63.6620(b) § 63.6620(d) [G]§ 63.6620(e)(2) § 63.6630(a)-Table5.12.a.i § 63.6635(a) § 63.6635(b) § 63.6640(b)	§ 63.6620(i) § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.a.ii § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) § 63.6650(b)(6) § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(d) § 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)
7H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
7H2	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
7H3	EU	63DDDDD-10-	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.2 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.2 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v) § 63.7540(a)(11)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
7H4	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
8001	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
81B17	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
85B2	EP	111-FVent	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E) § 111.111(a)(2)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) § 111.111(a)(2)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	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)
85B2	EU	60Db-1	SO_2	40 CFR Part 60, Subpart Db	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(e) § 60.107(f)
85B2	EU	60Db-1	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
85B2	EU	60Db-1	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

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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)
85B2	EU	60Db-1	NO_X	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
85B2	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(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)
9202	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
98H1	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
98H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
9H1	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
BLR12	EU	60Db-1	SO_2	40 CFR Part 60, Subpart Db	§ 60.100a(a)	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.

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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)
BLR12	EU	60Db-1	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
BLR12	EU	60Db-1	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
BLR12	EU	60Db-1	NO_X	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/JI (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
BLR12	EU	60Db-2	SO_2	40 CFR Part 60, Subpart Db	§ 60.100a(a)	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
BLR12	EU	60Db-2	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
BLR12	EU	60Db-2	NO_X	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
BLR12	EU	60Ja-FUEL	§111 Pollutant	40 CFR Part 60, Subpart Ja	§ 60.100a(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart Ja

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
BLR12	EU	63DDDDD-new	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7495(a) § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7510(g) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
CPP1	EU	60IIII-4	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CPP1	EU	60IIII-4	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power less than 75 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year must comply with an NMHC+NOx emission limit of 7.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
CPP1	EU	60IIII-4	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CPP1	EU	60IIII-4	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 75 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year must comply with a PM emission limit of 0.40 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
CPP1	EU	63ZZZZ-7	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CPP2	EU	60IIII-4	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
CPP2	EU	60IIII-4	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 56 KW but less than 75 KW and a displacement of less than 10 liters per cylinder and is a 2008 - 2013 model year must comply with an NMHC+NOx emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CPP2	EU	60IIII-4	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
CPP2	EU	60IIII-4	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 56 KW and less than 75 KW and a displacement of less than 10 liters per cylinder and is a 2008 - 2011 model year must comply with a PM emission limit of 0.40 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CPP2	EU	63ZZZZ-7	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
D011	EU	61FF	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(d) [G]§ 61.355(h) § 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)(i)(G) [G]§ 61.356(f)(3) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
D011	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	§ 63.646(b)(1) § 63.646(b)(2)	§ 63.646(b)(1) § 63.655(g)(7)(ii) § 63.655(i)(1)(iv) § 63.655(i)(5)	§ 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
ENG-SC1	EU	60IIII-03	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(d)(1) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 94.8(a)(2)	Owners and operators of non-emergency stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr, as stated in 40 CFR 60.4201(d)(1)-(3) and 40 CFR 60.4201(e)(1)-(2) and 40 CFR 94.8(a)(2) and 40 CFR 1042.101.	None	[G]§ 60.4214(a)(2)	[G]§ 60.4214(a)(1)
ENG-SC1	EU	60IIII-03	Total Hydrocarbons /NO_X	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(d)(1) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 94.8(a)(2)	Owners and operators of non-emergency stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 15 liters per cylinder and is a 2007 - 2012 model year must comply with a THC+NOx emission limit of 7.8 g/KW-hr, as stated in 40 CFR 60.4201(d)(1) and 40 CFR 94.8(a)(2).	None	[G]§ 60.4214(a)(2)	[G]§ 60.4214(a)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
ENG-SC1	EU	60IIII-03	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(d)(1) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 94.8(a)(2)	Owners and operators of non-emergency stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 15 liters per cylinder and is a 2007 - 2012 model year must comply with a PM emission limit of 0.27 g/KW-hr, as stated in 40 CFR 60.4201(d)(1) and 40 CFR 94.8(a)(2).	None	[G]§ 60.4214(a)(2)	[G]§ 60.4214(a)(1)
ENG-SC1	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-11	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a
F-11	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None
F-1-6-PB	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None

Applicable Requirements Summary

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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-1-6-PB	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-1-6-PB	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-1-6-PB	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
F-1-6-PB	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-1-6-PB	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-1-6-PB	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-1-6-PB	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(D)
F-1-6-PB	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(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)
F-1-6-PB	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
F-19-1	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a
F-19-1	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-19-2	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a
F-19-2	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None
F-19-3	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-19-3	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None
F-2	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a
F-2	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-2-1	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a
F-2-1	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None
F-4	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-4	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None
F-5	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a
F-5	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 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(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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(D)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-53-2	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 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(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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 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)(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)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 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)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(D)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)
F-6	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 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(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)(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)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(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)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(D)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)
F-66-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 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(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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(D)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-66-FG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
F-67	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a
F-67	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 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(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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(D)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-68-1S	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 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(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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 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)(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)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 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)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(D)

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F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)
F-68-2N	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 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(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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(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)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(D)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)
F-68-3	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 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(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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(D)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-68-4TA	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 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(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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 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)(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)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 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)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(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)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(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)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)
F-6-B	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
F-7	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-7	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(d)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for equipment in vacuum service.	None	§ 60.486(e) § 60.486(e)(1) § 60.486(e)(5)	None
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-2 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(f) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in light liquid service complying with §60.482-2.	[G]§ 60.482-2 § 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(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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9 § 63.648(a)(2) § 63.648(i) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for compressors complying with §60.482-3.	[G]§ 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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-4(a) § 60.482-4(b)(1) [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-5 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-6 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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) [G]§ 63.648(b)	[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)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-7 [G]§ 60.482-9 [G]§ 60.483-1 [G]§ 60.483-2 § 63.648(a)(2) § 63.655(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.	[G]§ 60.482-7 [G]§ 60.483-1 [G]§ 60.483-2 § 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(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(g) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(d) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for valves in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pumps in heavy liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flanges or other connectors complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for pressure relief devices in light liquid service complying with §60.482-8.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-8 [G]§ 60.482-9 § 63.648(a)(2) § 63.655(d)(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.	[G]§ 60.482-8 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) [G]§ 63.648(b)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(b) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for vapor recovery systems complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(c) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for enclosed combustion devices complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-10(d) § 60.482-10(e) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for flares complying with §60.482-10.	§ 60.485(a) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) [G]§ 60.485(g)	[G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(D)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 60.482-1(a) § 60.482-1(b) § 60.482-10(e) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(m) § 63.648(a)(2) § 63.655(d)(2)	Comply with the specified 40 CFR Part 60, Subpart VV requirements for closed vent (or vapor collection) systems complying with §60.482-10.	[G]§ 60.482-10(f) § 60.482-10(i) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.482-10(j) [G]§ 60.482-10(k) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)
F-81	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)(5)	None
FGR-FUG	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a [G]§ 60.487a	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)
FWP1	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(b) § 63.6640(f)(1) [G]§ 63.6640(f)(2) § 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(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii § 63.6640(b)	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)
FWP2	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(b) § 63.6640(f)(1) [G]§ 63.6640(f)(2) § 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(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii § 63.6640(b)	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)
FWP3	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(b) § 63.6640(f)(1) [G]§ 63.6640(f)(2) § 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(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii § 63.6640(b)	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FWP4	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(b) § 63.6640(f)(1) [G]§ 63.6640(f)(2) § 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(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii § 63.6640(b)	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)
FWP5	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(b) § 63.6640(f)(1) [G]§ 63.6640(f)(2) § 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(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii § 63.6640(b)	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.163 [G]§ 63.171 [G]§ 63.176 § 63.648(f) § 63.655(d)(2)	Comply with the specified Subpart H requirements for pumps in light liquid service, instrument readings that define a leak are specified in Subpart CC, table 2.	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(6) § 63.648(c)(7) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for non-reciprocating pumps in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.164 [G]§ 63.171 § 63.648(i) § 63.655(d)(2)	Comply with the specified Subpart H requirements for compressors which are not in hydrogen service.	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(d)(6) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.165 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief devices in gas/vapor service.	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for pressure relief device in liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(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)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.166 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for sampling connection systems.	[G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175 § 63.655(d)(2)	Comply with the specified Subpart H requirements for open-ended valves and lines.	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) [G]§ 63.181(i) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(1) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.168 [G]§ 63.171 [G]§ 63.175 § 63.648(c)(9) § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in gas/vapor and light liquid service, instrument readings defining a leak are specified in Subpart CC, table 2.	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(3) § 63.648(c)(4) § 63.648(c)(8)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(9) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for valves in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(c)(5) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.649(a) § 63.655(d)(2)	Connectors in gas/vapor or light liquid are subject to the requirements in heavy liquid service in §63.169. The leak definition for specified systems subject to §63.169 is 1,000 parts per million.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(4)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(v)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for connectors in heavy liquid service.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.169 [G]§ 63.171 § 63.655(d)(2)	Comply with the specified Subpart H requirements for instrumentation systems.	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b) § 63.648(c)(2)(i) § 63.648(c)(6)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)

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GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(j)(1) § 63.172(j)(2) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for closed vent systems.	[G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) § 63.172(j)(1) § 63.172(j)(2) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.648(b)	§ 63.118(a)(3) § 63.172(j)(1) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(C) [G]§ 63.655(f)(1)(i)(D)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.172(b) § 63.172(e) [G]§ 63.172(h) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for vapor recovery systems.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.172(c) § 63.172(e) [G]§ 63.172(h) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for enclosed combustion devices.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(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)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.648(a) § 63.11(b) § 63.172(d) § 63.172(e) [G]§ 63.172(h) § 63.172(m) § 63.655(d)(2)	Comply with the specified Subpart H requirements for flares.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.180(e)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2) § 63.648(h) § 63.655(d)(1)(i) § 63.655(i)(5)	[G]§ 63.182(a) § 63.182(c) [G]§ 63.182(c)(1) [G]§ 63.182(d) [G]§ 63.655(e) [G]§ 63.655(f)(1)(i)(D)
GRP-CCHFUG	EU	63CCH-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(g)	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)	None
GRP-CC-T0A	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
GRP-CC-T0C	EU	6OKA	VOC	40 CFR Part 60, Subpart Ka	§ 60.110a(a)	The affected facility is each storage vessel for petroleum liquids that has a storage capacity > 151,416 L (40,000 gal) and for which construction commenced after 5/18/78 and prior to 7/23/84.	§ 60.115a(a) § 60.115a(b)	§ 60.115a(a)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-CCVVFUG	EU	63CCVV-ALL	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
GRP-EBCENG	EU	60IIII-3	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(d)(1) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 94.8(a)(2)	Owners and operators of non-emergency stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr, as stated in 40 CFR 60.4201(d)(1)-(3) and 40 CFR 60.4201(e)(1)-(2) and 40 CFR 94.8(a)(2) and 40 CFR 1042.101.	None	[G]§ 60.4214(a)(2)	[G]§ 60.4214(a)(1)
GRP-EBCENG	EU	60IIII-3	Total Hydrocarbons /NO_X	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(d)(1) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 94.8(a)(2)	Owners and operators of non-emergency stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 15 liters per cylinder and is a 2007 - 2012 model year must comply with a THC+NOx emission limit of 7.8 g/KW-hr, as stated in 40 CFR 60.4201(d)(1) and 40 CFR 94.8(a)(2).	None	[G]§ 60.4214(a)(2)	[G]§ 60.4214(a)(1)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-EBCENG	EU	60IIII-3	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(d)(1) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 94.8(a)(2)	Owners and operators of non-emergency stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 15 liters per cylinder and is a 2007 - 2012 model year must comply with a PM emission limit of 0.27 g/KW-hr, as stated in 40 CFR 60.4201(d)(1) and 40 CFR 94.8(a)(2).	None	[G]§ 60.4214(a)(2)	[G]§ 60.4214(a)(1)
GRP-EBCENG	EU	63ZZZZ-5	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

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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)
GRP-FF-T3A	EU	61FF	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 60.18 § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 60.18(f)(2) § 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(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)
GRP-FF-T3A	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	§ 63.646(b)(1) § 63.646(b)(2)	§ 63.646(b)(1) § 63.655(g)(7)(ii) § 63.655(i)(1)(iv) § 63.655(i)(5)	§ 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRP-FF-T3B	EU	61FF	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 60.18 § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 60.18(f)(2) § 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(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)

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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)
GRP-FF-T5A	EU	61FF	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)
GRP-KB-T1A	EU	60Kb	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)
GRP-KB-T1C	EU	60KB	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) § 60.116b(e)(2)(i)	§ 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)
GRP-KB-T1C	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-KB-T2A	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) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) § 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)
GRP-KB-T2A	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
GRP-KB-T2B	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) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 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)

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GRP-KB-T3B	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) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 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)
GRP-KB-T3B	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
GRP-KB-TK3	EU	60Kb	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i) [G]§ 60.485(b)	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)

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GRP-LOAD	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.650(a) § 60.502(a) § 60.502(d) § 60.502(g) § 60.502(h) § 60.502(i) § 63.422(a) § 63.422(b) § 63.427(b)	A gasoline loading rack classified under SIC 2911 located within a contiguous area and under common control with a petroleum refinery shall comply with specified sections.	§ 60.503(a) § 60.503(b) § 60.503(d) § 60.503(d)(1) § 60.503(d)(2) § 63.425(a) § 63.425(b) § 63.425(b)(1) § 63.425(b)(2) § 63.425(b)(3) § 63.427(a) § 63.427(a)(3) § 63.427(b) § 63.642(d)(1) § 63.642(d)(3) § 63.642(d)(4)	§ 60.503(d)(2) § 63.425(b)(1) § 63.425(c) § 63.428(c)(1) § 63.428(c)(2) § 63.428(c)(2)(i) § 63.642(e) § 63.655(b) § 63.655(i)(5)	§ 63.428(c)(2) § 63.428(c)(2)(i) § 63.428(h)(1) § 63.642(d)(2) § 63.642(f) § 63.655(b)
GRP-QQQ-T4	EU	60QQQ	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(a) § 60.692-1(a) § 60.692-3(a)(1) § 60.692-3(a)(2) § 60.692-3(a)(3) § 60.692-3(a)(5) § 60.692-3(e) § 60.692-3(f) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications:	§ 60.692-3(a)(4) § 60.695(b) § 60.696(a) [G]§ 60.696(b)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii)	§ 60.695(b) § 60.698(b)(1) § 60.698(e)
GRP-QQQ-T4	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	§ 63.646(b)(1) § 63.646(b)(2)	§ 63.646(b)(1) § 63.655(g)(7)(ii) § 63.655(i)(1)(iv) § 63.655(i)(5)	§ 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)

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GRP-RFUEL	EU	60J-FUEL	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 (H2S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 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(d) § 60.107(f) § 60.107(g)
40H3	EU	60Dc-1	SO_2	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
40H3	EU	60Dc-1	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
40H3	EU	60Dc-1	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)

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40H3	EU	63DDDDD-1	112B(HAPS)	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7540(a) § 63.7540(a)(1) § 63.7540(a)(12) § 63.7540(a)(13)	Boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 MBtu/h or greater.	§ 63.7510(g) § 63.7515(d) § 63.7540(a) § 63.7540(a)(1)	[G]§ 63.7555(a)	§ 63.7530(e) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c)
GRP-TANK	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	§ 63.646(b)(1) § 63.646(b)(2)	§ 63.646(b)(1) § 63.655(g)(7)(ii) § 63.655(i)(1)(iv) § 63.655(i)(5)	§ 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
GRP-V100	EP	111-LVent	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
MEROX	EP	63CC-FLARE	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.11(b) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.116(a)(2) § 63.116(a)(3) § 63.644(a) § 63.644(a)(2) § 63.644(e) § 63.645(a) § 63.645(i)	§ 63.642(e) § 63.655(h)(1) § 63.655(i)(5)	§ 63.642(f) [G]§ 63.655(e) § 63.655(f) § 63.655(f)(1)(ii) [G]§ 63.655(f)(1)(iv) [G]§ 63.655(f)(2) § 63.655(f)(4) § 63.655(g) § 63.655(g)(6) § 63.655(h) § 63.655(h)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
NHT-3	EU	63ZZZZ-8	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
SKIDBLR	EU	60Db-1	SO_2	40 CFR Part 60, Subpart Db	§ 60.100a(a)	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.
SKIDBLR	EU	60Db-1	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SKIDBLR	EU	60Db-1	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
SKIDBLR	EU	60Db-1	NO_X	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/JI (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
SKIDBLR	EU	60Db-2	SO_2	40 CFR Part 60, Subpart Db	§ 60.100a(a)	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja.
SKIDBLR	EU	60Db-2	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SKIDBLR	EU	60Db-2	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
SKIDBLR	EU	60Db-2	NO_X	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/JI (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
SKIDBLR	EU	60Ja-FUEL	§111 Pollutant	40 CFR Part 60, Subpart Ja	§ 60.100a(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart Ja	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart Ja

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SKIDBLR	EU	63DDDDD-10+	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7490(b) § 63.7490(d) § 63.7495(b) § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.4 § 63.7500(a)(3) § 63.7505(a) § 63.7510(e) § 63.7515(d)	You must meet each emission limit and work practice standard in Table 3 to this subpart that applies to your boiler or process heater, for each boiler or process heater at your source, except as provided under §63.7522.	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1)-Table 3.4 § 63.7515(d) § 63.7540(a)(10) § 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(h) [G]§ 63.7560	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) [G]§ 63.7545(e)(8) [G]§ 63.7545(f) [G]§ 63.7545(h) § 63.7550(a)-Table 9 § 63.7550(b) § 63.7550(b)(1) § 63.7550(b)(2) § 63.7550(b)(3) § 63.7550(b)(4) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
SKIDBLRFUG	EU	60GGGa-ALL	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.590a [G]§ 60.482-10a [G]§ 60.482-1a [G]§ 60.482-2a [G]§ 60.482-3a [G]§ 60.482-4a [G]§ 60.482-5a [G]§ 60.482-6a [G]§ 60.482-7a [G]§ 60.482-8a [G]§ 60.482-9a [G]§ 60.483-1a [G]§ 60.483-2a [G]§ 60.592a [G]§ 60.593a	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart GGGa.	[G]§ 60.485a	[G]§ 60.486a	[G]§ 60.487a

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SKIDBLRFUG	EU	63CC	112B(HAPS)	40 CFR Part 63, Subpart CC	§ 63.640(p)(2)	Equipment leaks that are also subject to the provisions of 40 CFR Part 60, subpart GGGa, are required to comply only with the provisions specified in 40 CFR part 60, subpart GGGa.	None	None	None
TH1	EU	63CC-02	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
TH2	EU	63CC-02	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
TK2530	EU	63CC-01	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC
TKOFF	EU	63CC-02	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart CC	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart CC

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
VD114	EU	61FF	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(8) [G]§ 61.355(h) § 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.354(c) § 61.354(c)(8) § 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(d) § 61.356(f) § 61.356(f)(1) [G]§ 61.356(f)(3) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv)
VD114	EU	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All Group 2 storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	§ 63.646(b)(1) § 63.646(b)(2)	§ 63.646(b)(1) § 63.655(g)(7)(ii) § 63.655(i)(1)(iv) § 63.655(i)(5)	§ 63.655(f) § 63.655(f)(1)(i)(A) § 63.655(g) § 63.655(g)(7) § 63.655(g)(7)(i) § 63.655(h) § 63.655(h)(6) § 63.655(h)(6)(ii)
VG08	EP	63CC	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(1)	All miscellaneous process vents from petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	[G]§ 63.645(g) § 63.645(h) § 63.645(h)(1) § 63.645(h)(2)	§ 63.655(g)(7)(ii) § 63.655(i)(5)	§ 63.645(h)(2) § 63.655(f) § 63.655(f)(1)(ii) § 63.655(g) § 63.655(g)(7) § 63.655(g)(7)(i)

Additional Monitoring Requirements

Compliance Assurance Monitoring Summary **206**

Periodic Monitoring Summary **212**

CAM Summary

Unit/Group/Process Information	
ID No.: 29P1	
Control Device ID No.: N/A	Control Device Type: Wet or Dry Electrostatic Precipitator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J-FLUID
Pollutant: PM	Main Standard: § 60.102(a)(1)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: 6 times/minute	
Averaging Period: Six minutes	
Deviation Limit: >30% opacity	
CAM Text: The COMS shall meet the requirements of 40 CFR Part 60, Section 60.13. Quality assured (or valid) data must be generated when the FCCU is operating except during the performance of a daily zero and span check. Loss of valid data due periods of monitor breakdown, out-of control operation (producing inaccurate data), repair maintenance, or calibration may be exempted provided it does not exceed 5% of the time (in minutes) that the FCCU is operated over the previous rolling 12-month period. The permit holder shall install, calibrate, operate and maintain a continuous opacity monitoring system (COMS) to measure and record the opacity from the electrostatic precipitator (ESP). The COMS shall meet the requirements of 40 CFR Part 60, Section 60.13 and 40 CFR Part 60, Appendix B Performance Specification No. 1. Monitoring data shall be recorded and maintained as specified in 40 CFR 60.7 (c), (d), (e) and (f).	

CAM Summary

Unit/Group/Process Information	
ID No.: 29P1	
Control Device ID No.: N/A	Control Device Type: Wet or Dry Electrostatic Precipitator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J-FLUID
Pollutant: PM (Opacity)	Main Standard: § 60.102(a)(2)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: 6 times/minute	
Averaging Period: Six minutes	
Deviation Limit: >30% opacity	
CAM Text: The COMS shall meet the requirements of 40 CFR Part 60, Section 60.13. Quality assured (or valid) data must be generated when the FCCU is operating except during the performance of a daily zero and span check. Loss of valid data due periods of monitor breakdown, out-of control operation (producing inaccurate data), repair maintenance, or calibration may be exempted provided it does not exceed 5% of the time (in minutes) that the FCCU is operated over the previous rolling 12-month period. The permit holder shall install, calibrate, operate and maintain a continuous opacity monitoring system (COMS) to measure and record the opacity from the electrostatic precipitator (ESP). The COMS shall meet the requirements of 40 CFR Part 60, Section 60.13 and 40 CFR Part 60, Appendix B Performance Specification No. 1. Monitoring data shall be recorded and maintained as specified in 40 CFR 60.7 (c), (d), (e) and (f).	

CAM Summary

Unit/Group/Process Information	
ID No.: 34I1	
Control Device ID No.: 34I1	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J-SRU
Pollutant: SO_2	Main Standard: § 60.104(a)(2)(i)
Monitoring Information	
Indicator: SO2 concentration	
Minimum Frequency: 4 times/hour	
Averaging Period: 12 hours	
Deviation Limit: >250 ppmv SO2 at 0% excess air	
CAM Text: The permit holder shall assure that the CEMS meets the applicable quality-assurance requirements specified in 40 CFR Part 60, Appendix F, procedure 1. The system shall be zeroed and spanned daily, and corrective action taken when the 24-hour span drift exceeds two times the amounts specified in applicable Performance Specification Nos. 1 through 9, 40 CFR Part 60, Appendix B. Quality-assured (or valid) data must be generated when the facility (TGI) is operating except during the performance of a daily zero and span check. loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5% of the time (in minutes) that the facility generating emissions operated over the previous rolling 12-month period. The permit holder shall install, calibrate, and maintain a CEMS to measure and record the in-stack concentrations of SO2. The CEMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and the data analysis and reporting requirements specified in the applicable Performance Specification No.s. 1 through 9, 40 CFR Part 60, Appendix B. Each monitor shall be quality-assured at least quarterly using Cylinder Gas Audits (CGA) in accordance with 40 CFR Part 60, Appendix F, Procedure 1, Section 5.1.2, with the following exception: a relative accuracy test audit (RATA) is not required once every four quarters (i.e., four successive quarterly CGA may be conducted). Successive quarterly audits shall occur no closer than two months.	

CAM Summary

Unit/Group/Process Information	
ID No.: 40P1	
Control Device ID No.: N/A	Control Device Type: Wet or Dry Electrostatic Precipitator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J-FLUID
Pollutant: PM	Main Standard: § 60.102(a)(1)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: 6 times/minute	
Averaging Period: Six minutes	
Deviation Limit: >30% opacity	
CAM Text: The COMS shall meet the requirements of 40 CFR Part 60, Section 60.13. Quality assured (or valid) data must be generated when the FCCU is operating except during the performance of a daily zero and span check. Loss of valid data due periods of monitor breakdown, out-of control operation (producing inaccurate data), repair maintenance, or calibration may be exempted provided it does not exceed 5% of the time (in minutes) that the FCCU is operated over the previous rolling 12-month period. The permit holder shall install, calibrate, operate and maintain a continuous opacity monitoring system (COMS) to measure and record the opacity from the electrostatic precipitator (ESP). The COMS shall meet the requirements of 40 CFR Part 60, Section 60.13 and 40 CFR Part 60, Appendix B Performance Specification No. 1. Monitoring data shall be recorded and maintained as specified in 40 CFR 60.7 (c), (d), (e) and (f).	

CAM Summary

Unit/Group/Process Information	
ID No.: 40P1	
Control Device ID No.: N/A	Control Device Type: Wet or Dry Electrostatic Precipitator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J-FLUID
Pollutant: PM (Opacity)	Main Standard: § 60.102(a)(2)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: 6 times/minute	
Averaging Period: Six minutes	
Deviation Limit: >30% opacity	
CAM Text: The COMS shall meet the requirements of 40 CFR Part 60, Section 60.13. Quality assured (or valid) data must be generated when the FCCU is operating except during the performance of a daily zero and span check. Loss of valid data due periods of monitor breakdown, out-of control operation (producing inaccurate data), repair maintenance, or calibration may be exempted provided it does not exceed 5% of the time (in minutes) that the FCCU is operated over the previous rolling 12-month period. The permit holder shall install, calibrate, operate and maintain a continuous opacity monitoring system (COMS) to measure and record the opacity from the electrostatic precipitator (ESP). The COMS shall meet the requirements of 40 CFR Part 60, Section 60.13 and 40 CFR Part 60, Appendix B Performance Specification No. 1. Monitoring data shall be recorded and maintained as specified in 40 CFR 60.7 (c), (d), (e) and (f).	

CAM Summary

Unit/Group/Process Information	
ID No.: 43I1	
Control Device ID No.: 43I1	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J-SRU
Pollutant: SO_2	Main Standard: § 60.104(a)(2)(i)
Monitoring Information	
Indicator: SO2 concentration	
Minimum Frequency: 4 times/hour	
Averaging Period: 12 hours	
Deviation Limit: >250 ppmv SO2 at 0% excess air	
CAM Text: The permit holder shall assure that the CEMS meets the applicable quality-assurance requirements specified in 40 CFR Part 60, Appendix F, procedure 1. The system shall be zeroed and spanned daily, and corrective action taken when the 24-hour span drift exceeds two times the amounts specified in applicable Performance Specification Nos. 1 through 9, 40 CFR Part 60, Appendix B. Quality-assured (or valid) data must be generated when the facility (TGI) is operating except during the performance of a daily zero and span check. loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5% of the time (in minutes) that the facility generating emissions operated over the previous rolling 12-month period. The permit holder shall install, calibrate, and maintain a CEMS to measure and record the in-stack concentrations of SO2. The CEMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and the data analysis and reporting requirements specified in the applicable Performance Specification No.s. 1 through 9, 40 CFR Part 60, Appendix B. Each monitor shall be quality-assured at least quarterly using Cylinder Gas Audits (CGA) in accordance with 40 CFR Part 60, Appendix F, Procedure 1, Section 5.1.2, with the following exception: a relative accuracy test audit (RATA) is not required once every four quarters (i.e., four successive quarterly CGA may be conducted). Successive quarterly audits shall occur no closer than two months.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 25V1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-B
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: Once per quarter	
Averaging Period: n/a	
Deviation Limit: Maximum opacity = 20%	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded during each calendar quarter unless the emission unit is not operating for the entire quarter. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. 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. A certified opacity reader is not required for visible emission observations. 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.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 98H1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Maximum opacity = 15%	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRP-V100	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-LVent
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.	

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
0111	N/A	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
0111	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
0202	N/A	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
0202	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
0401	N/A	40 CFR Part 63, Subpart CC	CC and Kb tanks only have to comply with Kb regulations.
0401	N/A	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
0401	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
1025	N/A	40 CFR Part 60, Subpart QQQ	Group 1 wastewater tank is complying with 40 CFR Part 63, Subpart CC.
1165	N/A	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
1165	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.

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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		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
2510	N/A	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
2510	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
2510	N/A	40 CFR Part 63, Subpart R	Refinery complying with 40 CFR Part 63, Subpart CC is not subject to Subpart R standards for storage vessels.
2673	N/A	40 CFR Part 60, Subpart QQQ	Group 1 wastewater tank is complying with 40 CFR Part 63, Subpart CC.
2673	N/A	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
2673	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
3001	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
3002	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
3003	N/A	40 CFR Part 63, Subpart CC	CC and Kb tanks only have to comply with Kb regulations.
3003	N/A	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
3003	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
8001	N/A	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
8001	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
81B17	N/A	40 CFR Part 60, Subpart Dc	The maximum design capacity is > 100 MMBtu/hr
93E1	N/A	40 CFR Part 63, Subpart ZZZZ	Existing spark ignition 2SLB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions.
93E2	N/A	40 CFR Part 63, Subpart ZZZZ	Existing spark ignition 2SLB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions.
98H1	N/A	40 CFR Part 60, Subpart J	Heater uses only purchased natural gas.
D011	N/A	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
D011	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
F-11	N/A	40 CFR Part 60, Subpart GGG	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
F-11	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-11	N/A	40 CFR Part 60, Subpart VV	Doesn't produce an applicable chemical.
F-11	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-11	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
F-11	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6).
F-13	N/A	40 CFR Part 60, Subpart VV	Doesn't produce an applicable chemical.
F-13	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-1-6-PB	N/A	40 CFR Part 60, Subpart GGG	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-1-7OLD	N/A	40 CFR Part 60, Subpart VV	Doesn't produce an applicable chemical.
F-1-7OLD	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-19-1	N/A	40 CFR Part 60, Subpart GGG	Affected facilities were reconstructed/modified after November 7, 2006.

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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		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
F-19-1	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
F-19-1	N/A	40 CFR Part 60, Subpart VV	Doesn't produce an applicable chemical.
F-19-1	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-19-1	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
F-19-1	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6).
F-19-2	N/A	40 CFR Part 60, Subpart GGG	Affected facilities were reconstructed/modified after November 7, 2006.
F-19-2	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
F-19-2	N/A	40 CFR Part 60, Subpart VV	Doesn't produce an applicable chemical.
F-19-2	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-19-2	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
F-19-2	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6).

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
F-19-3	N/A	40 CFR Part 60, Subpart KKK	Facility is not an onshore natural gas processing plant.
F-19-3	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-2	N/A	40 CFR Part 60, Subpart GGG	Affected facilities were reconstructed/modified after November 7, 2006.
F-2	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
F-2	N/A	40 CFR Part 60, Subpart VV	Doesn't produce an applicable chemical.
F-2	N/A	40 CFR Part 61, Subpart J	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-2	N/A	40 CFR Part 61, Subpart V	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-2	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-2	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
F-2	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6).

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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		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
F-2-1	N/A	40 CFR Part 60, Subpart GGG	Affected facilities were reconstructed/modified after November 7, 2006.
F-2-1	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
F-2-1	N/A	40 CFR Part 60, Subpart VV	Doesn't produce an applicable chemical.
F-2-1	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-2-1	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
F-2-1	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6).
F-4	N/A	40 CFR Part 60, Subpart GGG	Affected facilities were reconstructed/modified after November 7, 2006.
F-4	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
F-4	N/A	40 CFR Part 60, Subpart VV	Doesn't produce an applicable chemical.
F-4	N/A	40 CFR Part 61, Subpart J	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
F-4	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
F-4	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6).
F-5	N/A	40 CFR Part 60, Subpart GGG	Affected facilities were reconstructed/modified after November 7, 2006.
F-5	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
F-5	N/A	40 CFR Part 60, Subpart VV	Doesn't produce an applicable chemical.
F-5	N/A	40 CFR Part 61, Subpart J	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
F-5	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-5	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
F-5	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6)
F-54-C21	N/A	40 CFR Part 61, Subpart FF	Not associated with coke by-product handling.
F-54-C21	N/A	40 CFR Part 63, Subpart Q	Chromium is not used.

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
F-6	N/A	40 CFR Part 60, Subpart GGG	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
F-6	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
F-6	N/A	40 CFR Part 61, Subpart J	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-6	N/A	40 CFR Part 61, Subpart V	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-6	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a)
F-6	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
F-6	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6).
F-66-3	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
F-66-3	N/A	40 CFR Part 61, Subpart J	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-66-3	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-66-FG	N/A	40 CFR Part 60, Subpart GGG	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-68-1S	N/A	40 CFR Part 61, Subpart J	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-68-1S	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-68-2N	N/A	40 CFR Part 61, Subpart J	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-68-3	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-68-4TA	N/A	40 CFR Part 60, Subpart GGG	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
F-6-B	N/A	40 CFR Part 60, Subpart GGG	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-7	N/A	40 CFR Part 60, Subpart GGG	Affected facilities were reconstructed/modified after November 7, 2006.
F-7	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
F-7	N/A	40 CFR Part 60, Subpart VV	Doesn't produce an applicable chemical.
F-7	N/A	40 CFR Part 61, Subpart J	Sources do not operate in benzene service.
F-7	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
F-7	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
F-7	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6).
F-81	N/A	40 CFR Part 60, Subpart GGG	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
F-81	N/A	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
F-81	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
FGR-FUG	N/A	40 CFR Part 60, Subpart GGG	Not an affected facility per 60.590(a)(1)
FGR-FUG	N/A	40 CFR Part 60, Subpart KKK	The facility is not in an onshore natural gas processing plant.
FGR-FUG	N/A	40 CFR Part 63, Subpart CC	MACT CC does not apply to refinery fuel gas systems.
FGR-FUG	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a).
FGR-FUG	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
FGR-FUG	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6)
GRP-CCHFUG	F-10, F-28, F-32, F-36, F-9	40 CFR Part 60, Subpart GGG	Equipment leaks that are subject to 40 CFR Part 63, subpart CC are not required to comply with any standards of Part 60 and 61 which were promulgated before September 4, 2007.
GRP-CCHFUG	F-10, F-28, F-32, F-36, F-9	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
GRP-CCHFUG	F-10, F-28, F-32, F-36, F-9	40 CFR Part 60, Subpart VV	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP-CCHFUG	F-10, F-28, F-32, F-36, F-9	40 CFR Part 61, Subpart J	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
GRP-CC-T0A	0109, 0110, 0552, 1067, 2571, 2572, 2578, 2670, 2671, 2672, 2676, 2677, 2678, 5508, 5511, 5537, 5538, 5539, 5540, 5542, 5543, 5544, 5545, 5546, 5548, 5587, 5588, 5589, 5598, 8011, 8012, 8013, 8015, 8033, 9200, 9504	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-CC-T0A	0109, 0110, 0552, 1067, 2571, 2572, 2578, 2670, 2671, 2672, 2676, 2677, 2678, 5508, 5511, 5537, 5538, 5539, 5540, 5542, 5543, 5544, 5545, 5546, 5548, 5587, 5588, 5589, 5598, 8011, 8012, 8013, 8015, 8033, 9200, 9504	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
GRP-CC-T0C	9700, 9701, 9702	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-CC-T0C	9700, 9701, 9702	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.

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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		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP-CCVVFUG	F-12, F-1-42, F-1-6, F-1-7, F-2-109/111, F-22, F-23, F-25, F-2-5, F-26, F-29, F-34, F-35, F-40, F-41, F-42, F-43, F-44, F-50, F-51, F-53-1, F-56, F-66-1, F-66-2, F-68-1A, F-68-1E, F-68-1N, F-68-1R, F-68-1T, F-68-1W, F-68-2S, F-68-4N, F-68-4T, F-68-5, F-6-A, F-98, SGC-FUG	40 CFR Part 60, Subpart GGG	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
GRP-CCVVFUG	F-12, F-1-42, F-1-6, F-1-7, F-2-109/111, F-22, F-23, F-25, F-2-5, F-26, F-29, F-34, F-35, F-40, F-41, F-42, F-43, F-44, F-50, F-51, F-53-1, F-56, F-66-1, F-66-2, F-68-1A, F-68-1E, F-68-1N, F-68-1R, F-68-1T, F-68-1W, F-68-2S, F-68-4N, F-68-4T, F-68-5, F-6-A, F-98, SGC-FUG	40 CFR Part 60, Subpart KKK	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
GRP-CCVVFUG	F-12, F-1-42, F-1-6, F-1-7, F-2-109/111, F-22, F-23, F-25, F-2-5, F-26, F-29, F-34, F-35, F-40, F-41, F-42, F-43, F-44, F-50, F-51, F-53-1, F-56, F-66-1, F-66-2, F-68-1A, F-68-1E, F-68-1N, F-68-1R, F-68-1T, F-68-1W, F-68-2S, F-68-4N, F-68-4T, F-68-5, F-6-A, F-98, SGC-FUG	40 CFR Part 61, Subpart J	Equipment leaks that are subject to 40 CFR Part 63, Subpart CC are not required to comply with any standards of Parts 60 and 61 which were promulgated before September 4, 2007.
GRP-FF-T3A	UF17, VF02, VF03, VF04	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.

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		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP-FF-T3A	UF17, VF02, VF03, VF04	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
GRP-FF-T3B	DD21, HG86	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-FF-T3B	DD21, HG86	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
GRP-FF-T5A	VG49, VG50	40 CFR Part 60, Subpart Kb	The capacity is less than 40 cubic meters.
GRP-FF-T5A	VG49, VG50	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-FF-T5A	VG49, VG50	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
GRP-KB-T1A	1006, 1007	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-KB-T1A	1006, 1007	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
GRP-KB-T1C	2072, 2577, 5520, 8031	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-KB-T1C	2072, 2577, 5520, 8031	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.

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		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP-KB-T2A	0562, 4030, 5521, 5551, 5553, 5554, 5555, 5557, 5583, 5584, 5592, 5593, 5597, 5599, 8002, 8032, 8034, 9500, 9501, 9502, 9503	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-KB-T2A	0562, 4030, 5521, 5551, 5553, 5554, 5555, 5557, 5583, 5584, 5592, 5593, 5597, 5599, 8002, 8032, 8034, 9500, 9501, 9502, 9503	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
GRP-KB-T2B	1164, 1522, 2553, 5559, 5560	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-KB-T2B	1164, 1522, 2553, 5559, 5560	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
GRP-KB-T3B	1012, 1013	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-KB-T3B	1012, 1013	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
GRP-KB-TK3	0572, 0573	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-KB-TK3	0572, 0573	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.

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		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP-K-TKO	0511, 0514	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-K-TKO	0511, 0514	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
GRP-LOAD	53R3, 53R4, 53T2	40 CFR Part 63, Subpart R	Refinery complying with 40 CFR Part 63, Subpart CC is not subject to Subpart R standards for gasoline loading racks.
GRP-QQQ-T4	9600, 9601	40 CFR Part 61, Subpart FF	Tank doesn't manage, treat, or store a waste stream subject to 40 CFR Part 61 Subpart FF.
GRP-QQQ-T4	9600, 9601	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-QQQ-T4	9600, 9601	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
GRP-TANK	8035, 8036, 9400, 9401	40 CFR Part 61, Subpart FF	Tank doesn't manage, treat, or store a waste stream subject to 40 CFR Part 61 Subpart FF.
GRP-TANK	8035, 8036, 9400, 9401	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
GRP-TANK	8035, 8036, 9400, 9401	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.
SKIDBLR	N/A	40 CFR Part 60, Subpart Dc	The maximum design capacity is > 100 MMBtu/hr.

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		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
SKIDBLRFUG	N/A	40 CFR Part 60, Subpart GGG	Affected facilities were constructed after November 7, 2006.
SKIDBLRFUG	N/A	40 CFR Part 60, Subpart KKK	The facility is not in an onshore natural gas processing plant.
SKIDBLRFUG	N/A	40 CFR Part 63, Subpart H	Does not contain equipment listed in 63.160(a)
SKIDBLRFUG	N/A	40 CFR Part 63, Subpart HH	The emission points are not located at an oil and gas production facility.
SKIDBLRFUG	N/A	40 CFR Part 63, Subpart I	The fugitive unit does not contain one of the processes listed in 40 CFR 63.190(b)(1) - (6).
TK2530	N/A	40 CFR Part 60, Subpart Kb	Storage vessels with a capacity greater than or equal to 40,000 gallons storing a liquid with a maximum true vapor pressure less than 3.5 kPa are exempt from the provisions of this subpart.
VD114	N/A	40 CFR Part 63, Subpart G	Sources are not subject to 40 CFR 63, Subpart F.
VD114	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to another subpart within 40 CFR 60, 61, or 63 that references the use of subpart OO for air emission control.

New Source Review Authorization References

New Source Review Authorization References 235

New Source Review Authorization References by Emission Unit 236

New Source Review Authorization References

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

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: GHGPSDTX130	Issuance Date: 09/04/2015
PSD Permit No.: PSDTX102M7	Issuance Date: 09/22/2017
PSD Permit No.: PSDTX1158M1	Issuance Date: 09/04/2015
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 100477	Issuance Date: 01/12/2012
Authorization No.: 104928	Issuance Date: 09/24/2014
Authorization No.: 118349	Issuance Date: 12/10/2015
Authorization No.: 14441A	Issuance Date: 05/30/2012
Authorization No.: 43073	Issuance Date: 11/17/2009
Authorization No.: 80799	Issuance Date: 10/09/2014
Authorization No.: 82659	Issuance Date: 04/13/2017
Authorization No.: 85872	Issuance Date: 09/04/2015
Authorization No.: 87458	Issuance Date: 03/02/2009
Authorization No.: 90208	Issuance Date: 08/05/2010
Authorization No.: 9868A	Issuance Date: 09/22/2017
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001
Number: 106.532	Version No./Date: 09/04/2000
Number: 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
0109	TANK STORAGE	9868A, PSDTX102M7
0110	TANK STORAGE	9868A, PSDTX102M7
0111	TANK STORAGE	9868A, PSDTX102M7
0202	TANK STORAGE	9868A, PSDTX102M7
0401	TANK STORAGE	9868A, PSDTX102M7
0511	TANK STORAGE	9868A, PSDTX102M7
0514	TANK STORAGE	9868A, PSDTX102M7
0552	TANK STORAGE	9868A, PSDTX102M7
0562	TANK STORAGE	9868A, PSDTX102M7
0572	TANK STORAGE	9868A, PSDTX102M7
0573	TANK STORAGE	9868A, PSDTX102M7
1006	TANK STORAGE	9868A, PSDTX102M7
1007	TANK STORAGE	9868A, PSDTX102M7
1012	TANK STORAGE	9868A, PSDTX102M7
1013	TANK STORAGE	9868A, PSDTX102M7
1025	SOUR WATER TANK	9868A, PSDTX102M7
1064	TANK STORAGE	9868A, PSDTX102M7
1067	TANK STORAGE	9868A, PSDTX102M7
10H1	CRUDE OIL HEATER FUEL	9868A, PSDTX102M7
1163	TANK STORAGE	9868A, PSDTX102M7
1164	TANK STORAGE	9868A, PSDTX102M7

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
1165	TANK STORAGE	9868A, PSDTX102M7
12E1	ENGINE	9868A, PSDTX102M7
12E2	ENGINE	9868A, PSDTX102M7
12E3	ENGINE	9868A, PSDTX102M7
12E4	ENGINE	9868A, PSDTX102M7
12E5	ENGINE	9868A, PSDTX102M7
12E6	ENGINE	87458, 9868A, PSDTX102M7
12E7	ENGINE	9868A, PSDTX102M7
12H1	HEATER	9868A, PSDTX102M7
1522	TANK STORAGE	9868A, PSDTX102M7
19B1/19H1	U19.2, CHG FURN, #2 & #3 FUEL	9868A, PSDTX102M7
19B1-H1	19.2 CHARGE FURNACE	9868A, PSDTX102M7
19B1-H2#2	19.2 #2 REHEATER	9868A, PSDTX102M7
19B1-H2#3	19.2#3 REHEATER	9868A, PSDTX102M7
19B2-H4	19.3 CHARGE FURNACE	9868A, PSDTX102M7
19H3	19.1 NAPHTHA HDS CHARGE HEATER	9868A, PSDTX102M7
19H5#1	UNIT 19.1 #1 REBOILER	9868A, PSDTX102M7
19H5#2	UNIT 19.1 #2 REBOILER	9868A, PSDTX102M7
19H6	19.2 PLATFORMER REHEATER #1	9868A, PSDTX102M7
2072	TANK STORAGE	9868A, PSDTX102M7
22H1	ALKY REBOILER FURNACE	9868A, PSDTX102M7

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
2510	TANK STORAGE	9868A, 106.478/09/04/2000, PSDTX102M7
2553	TANK STORAGE	9868A, PSDTX102M7
2571	TANK STORAGE	9868A, PSDTX102M7
2572	TANK STORAGE	9868A, PSDTX102M7
2576	TANK STORAGE	9868A, PSDTX102M7
2577	TANK STORAGE	9868A, PSDTX102M7
2578	TANK STORAGE	9868A, PSDTX102M7
2579	TANK STORAGE	9868A, PSDTX102M7
2580	TANK STORAGE	9868A, PSDTX102M7
25H1	UNIT 25 HEATER	43073
25V1	LSG REGENERATION VENT	43073
2670	TANK STORAGE	9868A, PSDTX102M7
2671	TANK STORAGE	9868A, PSDTX102M7
2672	TANK STORAGE	9868A, PSDTX102M7
2673	TANK STORAGE	9868A, PSDTX102M7
2674	TANK 2674	9868A, 106.478/09/04/2000, PSDTX102M7
2675	TANK STORAGE	9868A, 106.478/09/04/2000, PSDTX102M7
2676	TANK STORAGE	9868A, PSDTX102M7
2677	TANK STORAGE	9868A, PSDTX102M7
2678	TANK STORAGE	9868A, PSDTX102M7
26H1	UNIT 26 DEC4 REBOILER	9868A, PSDTX102M7

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
28H1	UNIT 28 CHARGE HEATER	9868A, PSDTX102M7
29H4	UNIT 29 DEC4 REBOILER	9868A, PSDTX102M7
29P1	UNIT 29 FCCU	82659, 9868A, PSDTX102M7
2H1	UNIT 2-2 HDS CHARGE HEATER	9868A, PSDTX102M7
2H2	NGL DEOILER FURNACE	9868A, PSDTX102M7
3001	TANK STORAGE	9868A, PSDTX102M7
3002	TANK STORAGE	9868A, PSDTX102M7
3003	TANK STORAGE	9868A, PSDTX102M7
34I1	SRU INCINERATOR	9868A, PSDTX102M7
36H1	HDS UNIT CHARGE HEATER	9868A, PSDTX102M7
4030	TANK STORAGE	9868A, PSDTX102M7
40H1	UNIT 40 SUPERHEATER #1	9868A, PSDTX102M7
40H3	UNIT 40 SUPERHEATER	9868A, PSDTX102M7
40P1	UNIT 40 FCCU REGENERATOR	82659, 9868A, PSDTX102M7
41H1	UNIT 41 REF FURNACE	90208, 9868A, PSDTX102M7
42H1	UNIT 42 REACTOR CHARGE HEATER	9868A, PSDTX102M7
42H2	UNIT 42 REACTOR CHARGE HEATER	9868A, PSDTX102M7
42H3	UNIT 42 FRACT FEED HEATER	9868A, PSDTX102M7
43I1	SCOT UNIT INCINERATOR	9868A, PSDTX102M7
45V1	LOW PRESS ABS VENT	9868A, PSDTX102M7
45V2	H2 STRIPPER VENT	9868A, PSDTX102M7

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
4H1	UNIT 4 FEED HEATER	9868A, PSDTX102M7
4H2	UNIT 4 DEHYDRATOR HEATER	9868A, PSDTX102M7
50H1	COKER UNIT CHARGER HEATER	9868A, PSDTX102M7
50HT1	COKER TANK HEATER 1	9868A, PSDTX102M7
50HT2	COKER TANK HEATER 2	9868A, PSDTX102M7
50HT3	COKER TANK HEATER 3	9868A, PSDTX102M7
51H1	VACUUM UNIT HEATER	9868A, PSDTX102M7
53R3	NGL TANK CAR TRACKS 3 & 4	9868A, PSDTX102M7
53R4	NGL TANK CAR TRACK 5	9868A, PSDTX102M7
53T2	NGL TANK TRUCK LOADING	9868A, PSDTX102M7
5505	TANK 5505	106.478/09/04/2000
5508	TANK STORAGE	9868A, PSDTX102M7
5511	TANK STORAGE	9868A, PSDTX102M7
5520	TANK STORAGE	9868A, PSDTX102M7
5521	TANK STORAGE	9868A, PSDTX102M7
5531	TANK STORAGE	9868A, PSDTX102M7
5537	TANK STORAGE	9868A, PSDTX102M7
5538	TANK STORAGE	9868A, PSDTX102M7
5539	TANK STORAGE	9868A, PSDTX102M7
5540	TANK STORAGE	9868A, PSDTX102M7
5542	TANK STORAGE	9868A, PSDTX102M7

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
5543	TANK STORAGE	9868A, PSDTX102M7
5544	TANK STORAGE	9868A, PSDTX102M7
5545	TANK STORAGE	9868A, PSDTX102M7
5546	TANK STORAGE	9868A, PSDTX102M7
5548	TANK STORAGE	9868A, PSDTX102M7
5551	TANK STORAGE	9868A, PSDTX102M7
5553	TANK STORAGE	9868A, PSDTX102M7
5554	TANK STORAGE	9868A, PSDTX102M7
5555	TANK STORAGE	9868A, PSDTX102M7
5557	TANK STORAGE	9868A, PSDTX102M7
5558	TANK STORAGE	9868A, PSDTX102M7
5559	TANK STORAGE	9868A, PSDTX102M7
5560	TANK STORAGE	9868A, PSDTX102M7
5561	TANK STORAGE	106.478/09/04/2000
5578	TANK STORAGE	9868A, PSDTX102M7
5578X	TANK STORAGE	9868A, PSDTX102M7
5580	TANK STORAGE	9868A, PSDTX102M7
5583	TANK STORAGE	9868A, PSDTX102M7
5584	TANK STORAGE	9868A, PSDTX102M7
5587	TANK STORAGE	9868A, PSDTX102M7
5588	TANK STORAGE	9868A, PSDTX102M7

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
5589	TANK STORAGE	9868A, PSDTX102M7
5591	TANK STORAGE	9868A, PSDTX102M7
5592	TANK STORAGE	9868A, PSDTX102M7
5593	TANK STORAGE	9868A, PSDTX102M7
5596	TANK STORAGE	9868A, PSDTX102M7
5597	TANK STORAGE	9868A, PSDTX102M7
5598	TANK STORAGE	9868A, PSDTX102M7
5599	TANK STORAGE	9868A, PSDTX102M7
5600	TANK STORAGE	106.478/09/04/2000
5H1	UNIT 5-A FEED HEATER	9868A, PSDTX102M7
5H2	UNIT 5-B FEED HEATER	9868A, PSDTX102M7
5H3	UNIT 5-C FEED HEATER	9868A, PSDTX102M7
66FL12	GOHDS FLARE	9868A, PSDTX102M7
66FL13	DERRICK FLARE	9868A, PSDTX102M7
66FL1	REFINERY EAST HC FLARE	9868A, PSDTX102M7
66FL2	REFINERY WEST HC FLARE	9868A, PSDTX102M7
66FL3	REFINERY CAT FLARE	9868A, PSDTX102M7
66FLH12	ARDS HC FLARE HEADER	9868A, PSDTX102M7
66FLH1	REFINERY EAST HC FLARE HEADER	9868A, PSDTX102M7
66FLH2	REFINERY WEST HC FLARE HEADER	9868A, PSDTX102M7
66FLH3	REFINERY CAT FLARE HEADER	9868A, PSDTX102M7

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
6H1	UNIT 6 HYDRO PREHEATER	9868A, PSDTX102M7
6H3	BHU REDUCTION FURNACE	9868A, PSDTX102M7
7E1	ENGINE	9868A, PSDTX102M7
7E2	ENGINE	9868A, PSDTX102M7
7E3	ENGINE	9868A, PSDTX102M7
7E4	ENGINE	9868A, PSDTX102M7
7E5	ENGINE	9868A, PSDTX102M7
7E6	ENGINE	9868A, PSDTX102M7
7H1	HEATER	9868A, PSDTX102M7
7H2	HEATER	9868A, PSDTX102M7
7H3	HEATER	9868A, PSDTX102M7
7H4	HEATER	9868A, PSDTX102M7
8001	TANK STORAGE	9868A, PSDTX102M7
8002	TANK STORAGE	9868A, PSDTX102M7
8010	TANK STORAGE	9868A, PSDTX102M7
8011	TANK STORAGE	9868A, PSDTX102M7
8012	TANK STORAGE	9868A, PSDTX102M7
8013	TANK STORAGE	9868A, PSDTX102M7
8014	TANK STORAGE	9868A, PSDTX102M7
8015	TANK STORAGE	9868A, PSDTX102M7
8031	TANK STORAGE	9868A, PSDTX102M7

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
8032	TANK STORAGE	9868A, PSDTX102M7
8033	TANK STORAGE	9868A, PSDTX102M7
8034	TANK STORAGE	9868A, PSDTX102M7
8035	TANK STORAGE	9868A, PSDTX102M7
8036	TANK STORAGE	9868A, PSDTX102M7
81B17	REFINERY BOILER 2.4	85872, GHGPSDTX130, PSDTX1158M1
85B2	U40 BOILER STACK	9868A, PSDTX102M7
9200	TANK STORAGE	9868A, PSDTX102M7
9201	TANK STORAGE	9868A, PSDTX102M7
9202	TANK STORAGE	9868A, PSDTX102M7
93E1	ENGINE	9868A, PSDTX102M7
93E2	ENGINE	9868A, PSDTX102M7
9400	TANK STORAGE	9868A, PSDTX102M7
9401	TANK STORAGE	9868A, PSDTX102M7
9500	TANK STORAGE	9868A, PSDTX102M7
9501	TANK STORAGE	9868A, PSDTX102M7
9502	TANK STORAGE	9868A, PSDTX102M7
9503	TANK STORAGE	9868A, PSDTX102M7
9504	TANK STORAGE	9868A, PSDTX102M7
9600	TANK STORAGE	9868A, PSDTX102M7
9601	TANK STORAGE	9868A, PSDTX102M7

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
9700	TANK STORAGE	9868A, PSDTX102M7
9701	TANK STORAGE	9868A, PSDTX102M7
9702	TANK STORAGE	9868A, PSDTX102M7
98H1	REFORMER CHARGER HEATER	9868A, PSDTX102M7
9H1	CRUDE OIL HEATER	9868A, PSDTX102M7
BLR12	BOILER 12	118349, 85872, GHGPSDTX130, PSDTX1158M1
CPP1	NORTH SUMP PUMP ENGINE	106.512/06/13/2001
CPP2	LOT 7 PUMP ENGINE	106.512/06/13/2001
D011	TANK STORAGE	9868A, PSDTX102M7
DD21	TANK STORAGE	9868A, PSDTX102M7
ENG-EB1	BACKUP COMPRESSOR ENGINE	106.511/09/04/2000
ENG-EB2	BACKUP COMPRESSOR ENGINE	106.511/09/04/2000
ENG-EB3	BACKUP COMPRESSOR ENGINE	106.511/09/04/2000
ENG-EB4	BACKUP COMPRESSOR ENGINE	106.511/09/04/2000
ENG-EB5	BACKUP COMPRESSOR ENGINE	106.511/09/04/2000
ENG-EB6	BACKUP COMPRESSOR ENGINE	106.511/09/04/2000
ENG-EB7	BACKUP COMPRESSOR ENGINE	106.511/09/04/2000
ENG-EB8	BACKUP COMPRESSOR ENGINE	106.511/09/04/2000
ENG-EB9	BACKUP COMPRESSOR ENGINE	106.511/09/04/2000
ENG-SC1	BACKUP COMPRESSOR ENG-SC1	106.512/06/13/2001
F-10	UNIT 10 FUGITIVES	9868A, PSDTX102M7

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
F-11	NGL DEETHANIZER UNIT FUG	9868A, 106.261/11/01/2003, 106.262/11/01/2003, PSDTX102M7
F-12	CRYOGENIC GAS PLANT FUG	9868A, PSDTX102M7
F-13	NGL CLEAN-UP UNIT FUG	9868A, PSDTX102M7
F-1-42	FUGITIVE UNIT	9868A, PSDTX102M7
F-1-6-PB	UNIT 1.6 - PB HEATER	9868A, PSDTX102M7
F-1-6	UNIT 1.6 FUGITIVES	9868A, PSDTX102M7
F-1-7	FUGITIVE UNIT	9868A, PSDTX102M7
F-1-7OLD	UNIT 1.7 FUGITIVES	9868A, PSDTX102M7
F-19-1	NAPTHA HDS FUGITIVES	9868A, PSDTX102M7
F-19-2	REFORMER FUGITIVES	9868A, PSDTX102M7
F-19-3	DISTILLATE HDS FUGITIVES	9868A, PSDTX102M7
F-1-9	MEROX SPENT AIR FUGITIVES	106.261/11/01/2003
F-2-109/111	COL 109 AND 111 FUGITIVE	9868A, PSDTX102M7
F-2-1	NGL HDS UNIT FUGITIVES	9868A, PSDTX102M7
F-22	HF ALKYLATION FUGITIVES	9868A, PSDTX102M7
F-23	ST RUN FRACT FUGITIVES	9868A, PSDTX102M7
F-25	LSG FUGITIVES	43073
F-2-5	PROCESS FUGITIVES	9868A, PSDTX102M7
F-2674	TANK 2674 FUGITIVES	106.478/09/04/2000
F-26	HO FCCU FRACT FUGITIVES	9868A, PSDTX102M7

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
F-28	UNIT 28 FUGITIVES	9868A, PSDTX102M7
F-29	GAS OIL FCCU 29 FUGITIVES	9868A, PSDTX102M7
F-2	UNIT 2 FUGITIVES	9868A, PSDTX102M7
F-32	UNIT 32 FUGITIVES	9868A, PSDTX102M7
F-34	SULFUR RECOVERY UNIT FUG	9868A, 106.261/11/01/2003, 106.262/11/01/2003, PSDTX102M7
F-35	UNIT 35 FUGITIVES	9868A, PSDTX102M7
F-36	UNIT 36 FUGITIVES	9868A, PSDTX102M7
F-40-1	UNIT 40 FUGITIVES	9868A, PSDTX102M7
F-40-3	CYCLONE CLOSURE FUGITIVES	106.261/11/01/2003
F-40	HEAVY OIL FCCU FUGITIVES	9868A, PSDTX102M7
F-41	U41 FUGITIVES	9868A, PSDTX102M7
F-42	ARDS UNIT 42 FUGITIVES	9868A, PSDTX102M7
F-42LPCFD	GOHDS UNIT FUGITIVES	106.261/11/01/2003, 106.262/11/01/2003
F-43	SULFUR HANDLING FUGITIVES	9868A, PSDTX102M7
F-44	UNIT 44 FUGITIVES	9868A, PSDTX102M7
F-4	BUTANE ISOM FUGITIVES	9868A, PSDTX102M7
F-50	COKER UNIT FUGITIVES	9868A, PSDTX102M7
F-51	VACUUM UNIT FUGITIVES	9868A, PSDTX102M7
F-53-1	REFINERY LOADING FUG	9868A, PSDTX102M7
F-53-2	NGL LOADING RACK	9868A, PSDTX102M7

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
F-54-C21	COOLING TOWER	9868A, PSDTX102M7
F-56	API TRAP FUGITIVES	9868A, PSDTX102M7
F-5	PENTANE ISOM FUGITIVES	9868A, PSDTX102M7
F-66-1	REF. FLARE AREA FUG	9868A, PSDTX102M7
F-66-2	NGL FLARE FUG	9868A, PSDTX102M7
F-66-3	ARDS/CAT AREA FUGITIVES	9868A, PSDTX102M7
F-66-FG	FUEL GAS SYSTEM FUGITIVE	9868A, PSDTX102M7
F-67	UNIT 67 FUGITIVES	9868A, PSDTX102M7
F-68-1A	ARDS STORAGE FUGITIVES	9868A, PSDTX102M7
F-68-1E	E. REFINERY STORAGE FUG	9868A, PSDTX102M7
F-68-1N	N. REFINERY STORAGE FUG	9868A, PSDTX102M7
F-68-1R	ROCKY STATION FUGITIVES	9868A, PSDTX102M7
F-68-1S	S. REFINERY STORAGE FUG	9868A, PSDTX102M7
F-68-1T	TAUBMAN YARD FUGITIVES	9868A, PSDTX102M7
F-68-1W	W. REFINERY STORAGE FUG	9868A, PSDTX102M7
F-68-2N	NORTH COBLE TANK FARM FUG	9868A, PSDTX102M7
F-68-2S	S. COBLE STORAGE FUG	9868A, PSDTX102M7
F-68-3	NGL WEST STORAGE FUG	9868A, PSDTX102M7
F-68-4N	N. COBLE STORAGE FUG	9868A, PSDTX102M7
F-68-4TA	JTF CAVERNS FUGITIVE	9868A, PSDTX102M7
F-68-4T	JTF FUGITIVES	9868A, PSDTX102M7

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
F-68-5	GASOLINE BLENDING SYSTEM	9868A, PSDTX102M7
F-6-A	UNIT 6 BHU, UNIT 7 HAT, COL 38, 130, 40 FUGITIVES	9868A, PSDTX102M7
F-6-B	COL 131, 39, 40 FUGITIVES	9868A, PSDTX102M7
F-6	HEXANE ISOM FUGITIVES	9868A, PSDTX102M7
F-7	PLATFORMER	9868A, PSDTX102M7
F-81	REFINERY BOILERS	9868A, PSDTX102M7
F-82	UNIT 82 FUGITIVES	106.261/11/01/2003, 106.262/11/01/2003
F-98	SMR FUGITIVE COMPONENTS	9868A, PSDTX102M7
F-9	UNIT 9 FUGITIVES	9868A, PSDTX102M7
FGR-FUG	FUGITIVES FLARE GAS RECOVERY SYSTEM	9868A, PSDTX102M7
F-KD TANKS	KD TANK FUGITIVES	106.478/09/04/2000
FWP1	ENGINE	9868A, PSDTX102M7
FWP2	ENGINE	9868A, PSDTX102M7
FWP3	ENGINE	9868A, PSDTX102M7
FWP4	ENGINE	9868A, PSDTX102M7
FWP5	ENGINE	9868A, PSDTX102M7
HG86	TANK STORAGE	9868A, PSDTX102M7
MEROX	MEROX UNIT VENT	9868A, 106.261/11/01/2003, PSDTX102M7
NHT-3	PUMP ENGINE NHT-3	106.512/06/13/2001
SGC-FUG	COKER SGC FUGITIVES	106.261/11/01/2003, 106.262/11/01/2003
SKIDBLRFUG	SKID BOILER FUGITIVES	85872, GHGPSDTX130, PSDTX1158M1

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
SKIDBLR	SKID BOILER	85872, GHGPSDTX130, PSDTX1158M1
TH1	WW THICKENER 1	106.532/09/04/2000
TH2	WW THICKENER 2	106.532/09/04/2000
TK2530	TANK 2530	106.478/09/04/2000
TKOFF	WW TANK 1	106.472/09/04/2000
UF17	TANK STORAGE	9868A, PSDTX102M7
VD114	TANK STORAGE	9868A, PSDTX102M7
VF02	TANK STORAGE	9868A, PSDTX102M7
VF03	TANK STORAGE	9868A, PSDTX102M7
VF04	TANK STORAGE	9868A, PSDTX102M7
VG08	SURGE DRUM	9868A, PSDTX102M7
VG49	TANK STORAGE	106.533/07/04/2004
VG50	TANK STORAGE	106.533/07/04/2004

Appendix A

Acronym List 252

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
COMS ..... continuous opacity monitoring system
CVS ..... closed-vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
DR ..... Designated Representative
ElP ..... El Paso (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
GF ..... grandfathered
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
H_2S ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MMBtu/hr ..... Million British thermal units per hour
MRRT ..... monitoring, recordkeeping, reporting, and testing
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NO_x ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PM ..... particulate matter
ppmv ..... parts per million by volume
PSD ..... prevention of significant deterioration
RO ..... Responsible Official
SO_2 ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

Appendix B

Major NSR Summary Table 254

Major NSR Summary Table

Permit Numbers: 9868A and PSDTX102M7					Issuance Date: 09/22/2017		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
Emission Caps	See Attachment I for Source Name and Emission Point Number Index	NO_X	1,225.76	2,465.27	2, 9, 26, 33, 48, 50, 51, 52, 53, 54, 55, 56, 71	2, 9, 46, 47, 48, 50, 51, 52, 53, 54, 55, 56, 57, 71	47, 50, 51, 52, 54, 68, 71
		SO_2	6,620.99	2,967.21	2, 7, 9, 28, 29, 33, 48, 52, 53, 54, 55, 56, 69, 71	2, 7, 9, 28, 29, 46, 48, 52, 53, 54, 55, 56, 57, 69, 71	52, 54, 68, 71
		VOC	1,681.08	3,472.84	2, 7, 9, 29, 30, 31, 33, 34, 35, 36, 37, 40, 41, 44, 45, 48, 53, 54, 55, 56, 71, 72	2, 7, 9, 13, 29, 30, 31, 35, 36, 37, 38, 40, 41, 42, 43, 45, 46, 47, 48, 53, 54, 55, 56, 57, 71, 72	30, 31, 40, 47, 54, 68, 71, 72
		CO	800.06	3,483.78	2, 9, 33, 48, 50, 51, 52, 53, 54, 55, 56, 71	2, 9, 46, 47, 48, 50, 51, 52, 53, 54, 55, 56, 57, 71	47, 50, 51, 52, 54, 68, 71
		PM	262.70	1,119.57	2, 9, 28, 48, 49, 52, 56, 60, 62, 63, 65, 66, 71	2, 9, 13, 28, 46, 48, 52, 56, 57, 60, 65, 71	48, 52, 60, 71
		NH_3	0.58	2.47	6, 40, 72	6, 13, 40, 42, 57, 72	40, 72
		Cl_2	1.24	5.41	18, 40	18, 40, 42, 57	40
		Benzene	12.18	20.28	2, 29, 30, 31, 33, 34, 35, 36, 37, 40, 41, 55, 56, 72	2, 13, 29, 30, 31, 35, 36, 37, 38, 40, 41, 42, 43, 55, 56, 57, 72	30, 31, 40, 68, 72
		H_2S	17.97	57.01	2, 7, 9, 12, 13, 14, 15, 28, 29, 33, 40, 48, 52, 55, 56, 65, 66, 69, 72	2, 7, 9, 13, 14, 28, 29, 40, 42, 48, 52, 55, 56, 57, 65, 69, 72	29, 15, 40, 52, 72
		HCl	0.04	0.20	2, 33, 40	2, 13, 40, 42, 57	40
		HF	0.44	1.90	16, 17, 18, 19, 22, 40	13, 16, 17, 18, 40, 42, 57	40

Major NSR Summary Table

Permit Numbers: 9868A and PSDTX102M7					Issuance Date: 09/22/2017		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
85B2	Unit 40 Boiler	NO_X	11.96	52.40	26, 29, 52, 53, 54, 55	29, 52, 53, 54, 55	29, 52, 54
		CO	42.85	187.70	52, 53, 54, 55	52, 53, 54, 55	52, 54
		VOC	3.23	14.13	30, 31, 52, 53, 54, 55	30, 31, 52, 53, 54, 55	30, 31, 52, 54
		PM_{10}	4.46	19.52	28, 29, 55	28, 29, 55	29
		SO_2	18.68	81.83	28, 29, 52, 53, 54, 55	28, 29, 52, 53, 54, 55	29, 52, 54
29P1	Unit 29 FCCU Stack	NH_3	9.75	42.71	52, 53, 6	52, 53, 57	52, 53
		HCl	0.45	1.96	52, 53	52, 53, 57	52, 53
40P1	Unit 40 FCCU Stack	NH_3	9.75	42.71	52, 53, 6	52, 53, 57	52, 53
		HCl	0.22	0.98	52, 53	52, 53, 57	52, 53
40H3	Unit 40 Superheater	NO_X	0.83	3.63	52, 56	52, 56	52
		SO_2	1.14	1.88	28, 52, 56	28, 52, 56	52
		VOC	0.63	2.76	52, 56	52, 56	52
		CO	2.08	9.13	52, 56	52, 56	52
		PM	0.43	1.89	56	56	56
		PM_{10}	0.43	1.89	56	56	56
		$PM_{2.5}$	0.43	1.89	56	56	56
34I1	SRU TGI	NO_X	0.19	0.82	52, 53, 54	52, 53, 54	52, 54
		CO	0.32	1.38	52, 53, 54	52, 53, 54	52, 54
		VOC	0.21	0.82	53, 54	53, 54	54
		PM_{10}	0.03	0.13	8, 9	57, 9	
		SO_2	0.01	0.01	28, 29, 31, 52, 53, 54	28, 29, 31, 52, 53, 54	29, 31, 52, 54
F-1-8	Merox Process Fugitives (5)	VOC	0.01	0.01	29, 34, 40, 41	29, 34, 40, 41, 42	40

Major NSR Summary Table

Permit Numbers: 9868A and PSDTX102M7					Issuance Date: 09/22/2017		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
HFTEMP	HF Temporary Tank Process Fugitives (5)	HF	0.01	0.01	16, 17, 19, 22, 40, 41	16,17, 40, 41, 42	40
		VOC	0.01	0.02	34, 40, 41	34, 37, 40, 41, 42	40
F-28-2-Ex	Unit 28 (2) Exchanger and Heater Integration Fugitives (5)	VOC	0.02	0.07	29, 34, 40, 41	29, 34, 37, 40, 41, 42	40
F-28-1-Ex	Unit 28 (1) Exchanger and Heater Integration Fugitives (5)	VOC	0.06	0.26	29, 34, 40, 41	29, 34, 37, 40, 41, 42	40
F-32-CIP	Unit 32 Exchanger and Heater Integration Fugitives (5)	VOC	0.04	0.18	29, 34, 40, 41	29, 34, 37, 40, 41, 42	40
F-10B-Ex	Unit 10B Train Exchanger and Heater Integration Fugitives (5)	VOC	0.10	0.43	29, 34, 40, 41	29, 34, 37, 40, 41, 42	40
F-9-Ex	Unit 9 Exchanger and Heater Integration Fugitives (5)	VOC	0.06	0.26	29, 34, 40, 41	29, 34, 37, 40, 41, 42	40
F-10A-Ex	Unit 10a Train Exchanger and Heater Integration Fugitives (5)	VOC	0.06	0.25	29, 34, 40, 41	29, 34, 37, 40, 41, 42	40
F-67	Crude Unit Pump 67 Fugitives (5)	VOC	0.01	0.05	29, 34, 40, 41	29, 34, 37, 40, 41, 42	40

Major NSR Summary Table

Permit Numbers: 9868A and PSDTX102M7					Issuance Date: 09/22/2017		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
F-56-1-4-A(2&5)	West DAF	VOC	0.99	4.36		GC7	
		NH_3	0.24	1.06		GC7	
		H_2S	1.81	7.91		GC7	
F-56-1-12	Flash Mixing	VOC	0.01	0.03		GC7	
		NH_3	0.01	0.01		GC7	
		H_2S	0.01	0.06		GC7	
F-56-1-17	Flocculation	VOC	0.03	0.13		GC7	
		NH_3	0.01	0.03		GC7	
		H_2S	0.05	0.24		GC7	
53R4	Sulfur Loading	PM	0.23	0.17		13	
		PM_{10}	0.23	0.17		13	
		$PM_{2.5}$	0.23	0.17		13	
		H_2S	6.93	5.06		13	
66FL1, 66FL2, 66FL3, & 66FL12	Flares – Routine Emissions	VOC	121.47	53.21	2, 29, 30, 31, 33	2, 29, 30, 31, 38	29, 30, 31, 68
		NO_X	17.22	7.55	2, 33	2, 38	68
		CO	109.86	48.12	2, 33	2, 38	68
		SO_2	100.14	43.85	2, 33	2, 38	68
		H_2S	1.55	0.68	2, 33, 70	2, 38, 70	
66FL1, 66FL2, 66FL3, & 66FL12	Flares – Fuel Gas Long Scenario	VOC	121.47	141.82	2, 29, 30, 31, 33	2, 29, 30, 31	29, 30, 31, 68
		NO_X	17.22	29.96	2, 33	2	68
		CO	110.11	192.91	2, 33	2	68
		SO_2	100.14	7.35	2, 33	2	68
		H_2S	1.55	0.15	2, 33, 70	2, 70	
FGR-FUG	FGR Fugitives	VOC	5.20	22.79	29, 34, 40, 41	29, 34, 37, 40, 41, 42	40
		H_2S	0.01	0.01	40	40, 42	40
66FL1, 66FL2,	Flares – Flare Gas	VOC	121.47	35.00	2, 33	2	

Major NSR Summary Table

Permit Numbers: 9868A and PSDTX102M7					Issuance Date: 09/22/2017		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
66FL3, & 66FL12	MSS	NO_X	17.22	6.13	2, 33	2	
		CO	109.86	34.30	2, 33	2	
		SO_2	100.14	250.90	2, 33	2	
		H_2S	1.55	2.23	2, 33, 70	2, 70	
F-43WHB	Waste Heat Boiler Fugitives	SO_2	0.01	0.01	40, 41	40, 41, 42	40
		H_2S	0.01	0.01	40, 41	40, 41, 42	40

Footnotes:

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

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

(2)

VOC	volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x	total oxides of nitrogen
SO_2	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10}	total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$	particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide
NH_3	ammonia
Cl_2	- chlorine
H_2S	hydrogen sulfide
HCl	hydrogen chloride
HF	- hydrogen fluoride

(3) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Major NSR Summary Table

Permit Number: 85872/PSDTX1158M1				Issuance Date: 09/04/2015			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
SKIDBLR	Skid Boiler	NO_X	5.47	25.33	10, 13, 16, 17	10, 16, 20	15, 21
		NO_X (MSS)	38.28		10, 16, 17, 18	10, 16, 20	21
		CO	22.98	109.53	11, 13, 16, 17	16, 20	15, 21
		CO (MSS)	269.11		11, 16, 17, 18	16, 20	21
		PM/PM_{10}	2.72	11.90	3, 11	3, 10, 11, 20	
		$PM_{2.5}$	2.72	11.90	3, 11	3, 10, 11, 20	
		VOC	1.97	8.61	9	20, 9	9
		SO_2	12.57	20.65	4, 10	4, 10, 20	
		NH_3	2.80	12.26	5, 6, 13	20	15
81B17	Boiler 2.4 Pre-modification	NO_X	53.24	71.50		20	
		CO	23.12	31.04	11	11, 20	
		$PM_{10}/PM_{2.5}$	3.44	4.63	3, 11	3, 11, 20	
		VOC	2.49	3.35	9	20, 9	9
		SO_2	14.43	7.27	4	4, 20	
81B17	Boiler 2.4 (5) Post-modification	NO_x	18.49	82.35	13, 16, 17	16, 20	15, 21
		NO_x (MSS)	48.54		16, 17, 18	16, 20	21
		CO	29.14	139.45	11, 13, 16, 17	11, 16, 20	15, 21
		CO (MSS)	291.43		11, 16, 17, 18	11, 16, 20	21
		$PM/PM_{10}/PM_{2.5}$	3.44	15.09	3, 11	3, 11, 20	
		VOC	2.49	10.92	9	20, 9	9
		SO_2	15.94	26.19	4, 10	4, 10, 20	

Major NSR Summary Table

Permit Number: 85872/PSDTX1158M1				Issuance Date: 09/04/2015			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
BLR12	Boiler 12 (5)	NO_X	8.40	38.61	10, 13, 16, 17	10, 16, 20	15, 21
		NO_X (MSS)	58.80		10, 16, 17, 18	10, 16, 20	21
		CO	35.30	166.06	11, 13, 16, 17	11, 16, 20	15, 21
		CO (MSS)	353.02		11, 16, 17, 18	11, 16, 20	21
		$PM/PM_{10}/PM_{2.5}$	4.17	18.28	3, 11	3, 10, 11, 20	
		VOC	3.02	13.23	9	20, 9	9
		SO_2	19.31	31.72	4, 10	4, 10, 20	
		NH_3	4.29	18.80	5, 6, 13	20	15
FUG	Boiler Fugitives(6)	VOC	0.09	0.41	4, 9	4, 9, 20	
		NH_3	0.12	0.50	5, 8	8, 17, 20	
MSSFUG	Planned Maintenance Activities	NO_X	<0.01	<0.01	18	20, 18	18
		CO	<0.01	<0.01	18	20, 18	18
		VOC	14.58	0.55	9, 2, 18	20, 9, 2, 18, 20	9, 2, 18
		$PM/PM_{10}/PM_{2.5}$	0.16	0.02	3	20, 3	3
		SO_2	<0.01	<0.01		20	
		NH_3	<0.01	<0.01	6	20	6

Footnotes:

(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) NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO_2 - sulfur dioxide
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
NH_3 - ammonia
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. Annual emission rates include emissions from MSS.
(5) Planned MSS for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS that pollutant's maximum hourly emission rate shall apply during that clock hour.
(6) Emission rate is an estimate only and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Major NSR Summary Table

Permit Number: GHGPSDTX130				Issuance Date: 09/04/2015		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY(4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
SKIDBLR	Skid Boiler	N_2O (5)	2	7, 9, 10	9, 12	
		CH_4 (5)	10	7, 8, 9, 10	9, 12	
		CO_2 (5)	188,441	7, 8, 9, 10	6, 9, 12	6
		CO_2e	189,251	7, 8, 9, 10	6, 9, 12	6
81B17	Boiler 2.4	N_2O (5)	2	7, 9, 10	9, 12	
		CH_4 (5)	12	7, 8, 9, 10	9, 12	
		CO_2 (5)	238,938	7, 8, 9, 10	6, 9, 12	6
		CO_2e	239,963	7, 8, 9, 10	6, 9, 12	6
BLR12	Boiler 12	N_2O (5)	3	7, 9, 10	9, 12	
		CH_4 (5)	15	7, 8, 9, 10	9, 12	
		CO_2 (5)	289,430	7, 8, 9, 10	6, 9, 12	6
		CO_2e	290,675	7, 8, 9, 10	6, 9, 12	6
FUG	Boiler Fugitives (6)	CH_4 (5)	8	4		
		CO_2e	192	4		
MSSFUG	Planned Maintenance Activities (6)	CH_4 (5)	1	8		
		CO_2e	19	8		

Footnotes:

(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) CH_4 - methane
CO_2 - carbon dioxide
N_2O - nitrous oxide
CO_2e - carbon dioxide equivalents based on the following Global Warming Potentials (11/2014): CO_2 (1), N_2O (298), CH_4 (25), and SF_6 (22,800).
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These emissions rates include maintenance, startup, and shutdown.
(5) Emissions rate is given for informational purposes only and does not constitute an enforceable limit.
(6) Emissions rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

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

September 22, 2017

MR PETER C STYNES
REFINERY MANAGER
PHILLIPS 66 COMPANY
PO BOX 271
BORGER TX 79008-0271

Re: Permit Alteration
Permit Number: 9868A
Expiration Date: November 22, 2015
PHILLIPS 66 COMPANY
Borger Refinery
Borger, Hutchinson County
Regulated Entity Number: RN102495884
Customer Reference Number: CN604065912
Associated Permit Numbers: PSDTX102M7

Dear Mr. Stynes:

This is in response to your letter received August 25, 2017. In accordance with Title 30 Texas Administrative Code §116.721(b), you have changed representations previously filed for Flexible Permit Number 9868A which include Unit-40 Fluid Catalytic Converting Unit's (FCCU) air nozzles configuration. These changes have been reviewed and the permit file has been updated. Please attach this letter to your permit.

You are reminded that these facilities must be in compliance with all rules and regulations of the Texas Commission on Environmental Quality (TCEQ) and of the U.S. Environmental Protection Agency at all times. We understand that you have submitted a timely permit renewal, which is currently pending with the agency, and in accordance with 30 TAC § 116.314(d)(1) the permit remains effective until it is renewed.

If you need further information or have any questions, please contact Ms. Miranda Duncan at (512) 239-3402 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.

Re: Permit Number: 9868A

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

Sincerely,

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

Enclosure

cc: Air Section Manager, Region 1 - Amarillo

Project Number: 274108

Texas Commission on Environmental Quality
Air Quality Permit

A Flexible Permit Is Hereby Issued To
PHILLIPS 66 COMPANY
Authorizing the Construction and Operation of
Borger Refinery
Located at **Borger, Hutchinson County, Texas**
Latitude 35° 42' 0" Longitude−101° 22' 0"

Permit: 9868A, PSDTX102M7

Revision Date: September 22, 2017

Expiration Date: November 22, 2015

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. It shall be unlawful for any person to vary from such representation or flexible permit provision if the change will cause a change in the method of control of emissions, the character of the emissions, will relax emission controls or will result in a significant increase in emissions, unless application is made to the executive director to amend the flexible permit in that regard and such amendment is approved by the executive director. [Title 30 Texas Administrative Code (TAC) Sections 116.715(c)(8) and 116.721 (30 TAC § 116.721)] [1]
2. **Voiding of Permit**. A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1)the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of $5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC § 116.120]
3. **Construction Progress**. Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC § 116.715(c)(2)]
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 § 116.715(c)(3)]
5. **Sampling Requirements**. If sampling is required, the flexible 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 flexible permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC § 116.715(c)(4)]
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 § 116.715(c)(5)]

7. **Recordkeeping.** A copy of the flexible permit along with information and data sufficient to demonstrate continuous compliance with the emission caps and individual emission limitations contained in the flexible permit shall be maintained in a file at the plant site and made available at the request of personnel from the commission or any air pollution control program having jurisdiction. This information shall include, but is not limited to, emission cap and individual emission limitation calculations based on a 12-month rolling basis; emission cap and individual emission limitation calculations corresponding to any short term emission limitation; production records and operating hours; and additional recordkeeping requirements specified in special conditions attached to the flexible permit. Information in the file shall be retained for at least two years following the date that the information or data is obtained. For facilities that normally operate unattended, this information shall be maintained at the nearest staffed location within Texas specified by the permit holder in the permit application. [30 TAC § 116.715(c)(6)]
8. **Maximum Allowable Emission Rates**A flexible permit covers only those sources of emissions and those air contaminants listed in the table entitled "Emission Sources, Emissions Caps and Individual Emission Limitations" in the flexible permit. Each permitted facility, group of facilities or account is limited to the emission limits and other conditions specified in the table in the flexible permit. [30 TAC § 116.715(c)(7)] [1]
9. **Emission Cap Readjustment.** If a schedule to install additional controls is included in the flexible permit and a facility subject to such a schedule is taken out of service, the emission cap contained in the flexible permit will be readjusted for the period the unit is out of service to a level as if no schedule had been established. Unless a special condition specifies the method of readjustment of the emission cap, a permit alteration shall be obtained. [30 TAC § 116.715(c)(9)]
10. **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 flexible 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 § 116.715(c)
11. **Compliance with Rules**. Acceptance of a flexible permit by an applicant constitutes an acknowledgment and agreement that the flexible 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 flexible permit. [30 TAC § 116.715(c)(11)]
12. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(e)]
13. **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 § 116.715(d)]
14. **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.
15. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit. [1]

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

Special Conditions

Flexible Permit Numbers 9868A and PSDTX102M7

Emission Caps and Individual Limitations

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit. **(5/03)** The sources listed in Attachment A are authorized either by Permit by Rule (PBR) in Title 30 Texas Administrative Code Chapter 106 (30 TAC 106) or by Standard Permit (SP) in Title 30 Texas Administrative Code Chapter 116, Subchapter F (30 TAC 116, Subchapter F). **(09/13)**

Operational Parameters

2. Flares shall be designed and operated in accordance with the following requirements:

   A. The combined refinery fuel natural gas and waste stream to the flare shall meet the Title 40 Code of Federal Regulations § 60.18 (40 CFR § 60.18) specifications of minimum heating value and maximum tip velocity under normal, upset, and maintenance flow conditions. Compliance with this condition shall be demonstrated by monitoring required in Section D below. Flare testing per 40 CFR § 60.18(f) may be requested by the Texas Commission on Environmental Quality (TCEQ) Regional Office, in addition to New Source Performance Standards (NSPS) or federal requirements, to demonstrate compliance with this condition.

   B. The flare(s) shall be operated with a flame present at all times, have a constant pilot flame, or have an automatic reignition system. The pilot flame shall be monitored by a thermocouple, an infrared monitor, or equivalent device as defined by 40 CFR § 60.18 and 40 CFR § 63.11. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at, a frequency in accordance with the manufacturer's specifications. **(11/05)**

   C. The flares shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours. This shall be ensured by the use of steam assist to the flare (for steam-assisted flares).

   D. The holder of this permit shall install a continuous flow monitor on Flare Emission Point Nos. (EPNs) 66FL1, 66FL2, 66FL3, 66FL4, 66FL6, and 66FL12 that provides a record of the vent stream flow to each flare. The flow monitor sensors should be installed in the vent stream such that the total vent stream to the flare is measured. The average hourly values of the flow shall be recorded and maintained electronically. The holder of this permit shall record the daily average flow rate (24-hour average) to each flare and the hourly average during upset conditions. Records of the flows shall be maintained for a period of two years and be made available to the Executive Director of the TCEQ upon request. **(05/08)**

   The continuous flow monitor shall operate as required by this section at least 95 percent of the time when the flare is operational, averaged over a rolling 12-month period. **(11/05)**

The holder of this permit shall conduct an analysis (grab sample) of the flare composition (total volatile organic compounds [VOC], hydrogen sulfide [H_2S], and Btu content) on a semiannual basis (once during the summer months and once during the winter months). The sampling shall be conducted such that the total vent stream to the flare is included in the analysis. Records of the grab sampling results shall be maintained for a period of five years and made available to representatives of the TCEQ upon request. **(04/05)**

Contingency Plan for Sulfur Recovery Unit (SRU) Complex

3. Should there be a loss of sulfur recovery potential from the claus trains, tail gas treating unit (TGTU) front-ends, TGTU back-end, or tail gas incinerators (TGIs), the following step shall be taken immediately (not to exceed eight hours) from the start of the event: The acid gas shall be rerouted to the operating backup equipment at the remaining sulfur recovery trains. (PSD) **(05/03)**

4. The SRU 43 and SRU 34 shall be capable of routing acid gas from one SRU to the other. (PSD)

5. All acid gas streams from the amine regeneration units containing H_2S shall be routed to the SRUs or other process units. (PSD) **(05/03)**

6. The acid gas exiting the waste heat boilers shall be sampled for ammonia (NH_3) on a monthly basis, and the NH_3 concentration shall not exceed 300 parts per million by volume (ppmv) at any time. Drager tubes or another sampling method, as approved by the TCEQ, shall be used to sample for NH_3.

   Records of the sampling time, date, and sampling results shall be maintained for a period of three years and made available to representatives of the TCEQ upon request. The sampling results shall be in terms of ppmv. This condition does not become effective for SRU 34 until the sour water stripper (or NH_3 stripper) overheads are tied into SRU 34. (PSD) **(03/00)**

7. The following shall apply to sour water stripper systems:

   A. During routine operations, sour water stripper systems "A" and "B" shall process only sour water from Units 41, 42, 43, 44, 45, and 50. By design, these units produce sour water generally containing hydrocarbons with ten or fewer carbons and no more than 2 percent hydrocarbons with 12 or more carbons. A hydrocarbon sensor shall be operated to detect the presence of hydrocarbon in the sour water being processed at Unit 42. Additionally, a hydrocarbon detector shall be operated in the Unit 44 sour water feed drums to produce an alarm when hydrocarbon is present below the normal operating water level in these drums.

      The Coker Unit sour water tank shall have a minimum on-line retention time of three days. The tank shall be equipped with an oil skimming system, and shall be equipped with a hydrocarbon detection probe to determine the level of the hydrocarbon/water interface. **(11/05)**

B. The refinery Sour Water Tank (Tank No. 3003) shall have a minimum on-line retention time of 1.7 days, and the tank effluent shall be routed to the Unit 29 sulfide stripper prior to being routed to the Unit 44 refinery Sour Water Stripper (stripper "C"). Tank No. 3003 shall be equipped with an oil skimming system. Tank No. 3003 shall be equipped with a hydrocarbon detection probe ("Agar" brand capacitance probe or equivalent) to determine the level of the hydrocarbon/water interface. This interface level may also be determined manually from a tricock system on the tank shell. **(11/05)**

C. The refinery sour water shall be routed through an oil/water separator prior to entering Tank No. 3003. A hydrocarbon detection system ("Agar" brand capacitance probe or equivalent) shall be installed and operated in the line from the Unit 29 sulfide stripper to the refinery sour water stripper "C." Records of flow rates shall be maintained on-site and made available to the TCEQ Executive Director or a representative upon request. **(11/05)**

D. The readouts for the hydrocarbon/water interface level sensor in Tank No. 3003 and the hydrocarbon sensor in the line to the refinery sour water stripper "C" shall be transmitted to a control room. An alarm shall be transmitted to a control room when either sensor detects the presence of excess hydrocarbons and upon the activation of either alarm the following corrective actions shall be taken:

(1) The permit holder shall examine SRU operation to determine whether the presence of hydrocarbons in the sour water feed appears to be disrupting SRU operations;

(2) If the presence of hydrocarbons appears to be disrupting SRU operations in a manner that could result in excessive emissions, the permit holder shall stop the feed to sour water stripper "C," and

(3) The permit holder shall identify and correct the cause of the high hydrocarbon content prior to resuming sour water feed to the stripper.

Records shall be kept of all instances in which alarms require subsequent corrective actions, indicating what actions were taken. **(12/04)**

E. Records shall be kept of all instances of Unit 29 sulfide stripper downtime and made available to the TCEQ Executive Director or a representative upon request. (PSD) **(12/04)**

8. A TGI 34 shall be operated with no less than 1.5 percent oxygen (O_2), dry, in the incinerator stack and at no less than 1170°F incinerator firebox exit temperature.

A TGI 43 shall be operated with no less than 1.0 percent O_2 in the incinerator stack and at no less than 1180°F incinerator firebox exit temperature.

If stack testing indicates that a higher temperature or excess O_2 is necessary to obtain a minimum H_2S destruction efficiency of 99.9 percent or 5 ppmv (corrected to 3 percent excess O_2) reduced sulfur compound exit concentration, then the temperature and excess O_2 maintained during the stack test will become the new minimum operating limits. (PSD) **(03/00)**

The merox production unit VOC containing off gas stream shall be directed to EPN 34I1 during normal operation of the merox production unit. The merox production unit VOC containing off gas stream can also be directed to the flare designated as EPN 66FL4 when EPN 34I can not receive this merox production unit VOC containing off gas stream. **(02/11)**

9. The firebox temperature for each incinerator shall be continuously monitored and recorded at least once every four hours. In addition, continuous recording shall be required for all periods for which the temperature is below the minimum firebox temperature. If a continuous recorder is not available, manual readings recorded every 15 minutes shall be considered continuous recording.

   Each temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ±0.75 percent of the temperature being measured expressed in degrees Celsius or ±2.5°C.

   Quality-assured (or valid) data must be generated when the incinerator is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the incinerator operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgement and the methods used recorded. (PSD) **(11/05)**

10. The SRU TGIs shall operate with no visible emissions except for uncombined steam. (PSD)

11. The SRU thermal reactors shall at all times be operated with a stable flame and the flame temperature shall not be less than 2000°F. All sour water stripper gas shall be introduced to the front of the thermal reactor and none shall enter the side. These requirements become effective for SRU 34 when the sour water stripper (or NH_3 stripper) overheads are tied into Unit 34. (PSD) **(08/01)**

12. There shall be 45 H_2S monitors placed throughout the sulfur recovery, amine regeneration, and sour water stripping areas. These monitors shall be arranged in such a way that coverage is provided for wind directions varying through 360 degrees. The existing monitors shall be set to alarm at a concentration of 10 ppmv and shall alarm in the control room. (PSD)

13. Records shall be maintained indicating the truck or railcar loaded, loading start and stop date and time, and the volume or weight of the sulfur loaded. **(07/13)**

Piping, Valves, Pumps and Compressors in H_2S Service

14. This condition applies in the sulfur recovery, amine regeneration, Unit 19.3 hydrodesulfurization, sour water stripping areas and EPN F-Tier3. **(09/14)**

A. Audio, visual, and olfactory (AVO) checks for H_2S leaks within the operating area shall be made once per shift.

B. Immediately, but no later than one hour upon detection of a leak, plant personnel shall take the following actions:

(1) Stop the leak by taking the equipment out of service or bypass the equipment so that it is no longer in service.

(2) Isolate the leak.

(3) Commence repair or replacement of the leaking component.

(4) If the leak cannot be repaired within six hours, the holder of this permit shall use a leak collection or containment system to prevent the leak until repair or replacement can be made if immediate repair is not possible.

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

15. Sulfur produced and handled by SRU 43 shall be degassed to a concentration of no more than 15 parts per million by weight (ppmw) H_2S at the sulfur pit. The sulfur pit shall be connected to a vapor collection system which routes the recovered vapors back into the process or to the TGI. Alternative designs for controlling emissions from sulfur handling equipment can be submitted to the TCEQ, Office of Air, Air Permits Division and the TCEQ Amarillo Regional Office for consideration. The holder of this permit shall test the H_2S concentration (in ppmw) of the sulfur produced by SRU 34 at the sulfur pit to confirm that the concentration is less than or equal to 300 ppmw. Sampling methods and procedures must be approved by the TCEQ Regional Director prior to sampling. The TCEQ Executive Director or designated representative shall be afforded the opportunity to observe all such sampling. The sampling required in the previous paragraph of this condition shall occur within six months of completion of construction of the replacement loading rack and, after that, at least once every 12 months. Within 30 days after such sampling is completed, a copy of the final sampling report shall be forwarded to the TCEQ Regional Office. **(07/13)**

Piping, Valves, Pumps, and Compressors in Hydrogen Fluoride (HF) Service-AVO

16. A. The AVO checks for HF leaks within the operating area shall be made every four hours.

B. Immediately, but no later than one hour upon detection of a leak during the day shift, plant personnel shall take the following actions:

(1) Stop the leak by taking the equipment out of service or bypass the equipment so that it is no longer in service.

(2) Isolate the leak.

(3) Commence repair or replacement of the leaking component.

(4) If the leak cannot be repaired within six hours, the holder of this permit shall use a leak collection or containment system to prevent the leak until repair or replacement can be made if immediate repair is not possible.

C. The above actions shall be taken immediately, but no later than one hour into the next day shift upon detection of a leak by night shift personnel.

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

17. All waste gas streams containing HF shall be routed to a caustic scrubber system operating with a 99 percent HF removal efficiency prior to being routed to a flare. The circulation rate of the neutralization solution shall be checked and recorded every four hours. The caustic concentration of the neutralization solution shall be checked every 12 hours. The caustic concentration shall be checked more frequently during turnarounds or following unit unplanned maintenance, startup and shutdown activities. The caustic neutralization strength shall be maintained at no less than 0.8 percent (weight). The only exception would be during upset or maintenance events. In those cases, when the caustic concentration goes below 0.8 percent (weight), the caustic strength shall be raised as quickly as possible. Records of the caustic concentration shall be maintained on-site for a period of three years and made available to representatives of the TCEQ upon request. **(04/11)**

18. The cooling water shall be continuously monitored and recorded for pH at the Unit 22 cooling tower inlet. There shall be an alarm in the HF unit control room and/or HF plant area should the pH fall below five. Corrective action shall be taken immediately if the pH is less than five. If the continuous pH monitoring system is not operational, the holder of this permit shall begin recording pH manually once per shift, beginning with the shift following the monitoring system failure. The continuous pH monitoring system will be repaired within 15 days. **(08/01)**

19. The HF detection paint shall be used on all potential fugitive sources and possible leak sites. Locations with HF detection paint shall be inspected every four hours during the AVO checks required by the HF AVO condition. If leaks are detected, corrective action shall be taken immediately as described in the HF AVO condition. **(11/05)**

20. In the event of an HF release which may have the potential for off-site impacts, the holder of this permit shall implement the procedures outlined in the permit holder's emergency contingency and response plans.

21. There shall be no overhead work in the HF process unit where equipment is being lifted over unprotected vessels or lines without first completing a safe work checklist in accordance with Occupational Safety and Health Administration Process Safety Management rules. The safe work checklist shall be used to ensure that every effort is made to minimize the potential for an accident that would result in loss of integrity of HF-containing equipment.

22. The holder of this permit shall abide by the HF ambient monitoring program submitted September 25, 1996 and revised June 5, 1997. **(11/05)**

23. The maximum allowable concentrations and emissions of the following pollutants from Fluid Catalytic Cracking Unit (FCCU) Nos. 29 and 40 are included in best available control technology (BACT) short-term and annual cap calculations. The emissions cap based upon FCCU BACT emission levels shall be achieved no later than the date outlined in the BACT Implementation Schedule.

    The CO concentration in the stack shall be maintained less than 500 ppmv on an hourly average at 0 percent oxygen when venting through the Units 29 and 40 FCCU stacks. **(12/06)**

24. Opacity of emissions from both FCCU's shall not exceed 20 percent except for those periods described in Title 30 Texas Administrative Code § 111.111 (a)(1)(E) [30 TAC § 111.111 (a)(1)(E)]. (PSD) **(08/08)**

25. Sulfur dioxide (SO_2) emissions from the FCCU Unit 29 and FCCU Unit 40 regenerators (EPN's 29P1 and 40P1) shall be 25 parts per million by volume dry (ppmvd) or lower on a 365-day rolling average basis and 50 ppmvd or lower on a seven-day rolling average basis at 0 percent O_2. **(08/08)**

    Nitrogen oxides (NO_x) emissions from FCCU Unit 29 designated as EPN 29P1 shall be 20 ppmvd on a 365-day rolling average basis at zero percent oxygen (O_2) and 40 ppmvd on a seven-day rolling average basis at zero percent O_2, effective May 31, 2012. **(2/11)**

26. After completion of the BACT and Implementation Schedule, all Fired Units, with the exception of those listed below, shall be capable of operating with a combined hourly average NO_x emission factor of 0.06 pound (lb) NO_x/MMBtu based upon represented maximum firing rates. If an average NO_x factor of 0.06 lb NO_x/MMBtu is not obtained, the holder of this permit shall provide adequate information to demonstrate continuing compliance with the emissions cap. (PSD) **(12/06)**

EPN	Facility
34I1	SRU Incinerator
43I1	SCOT Unit Incinerator (A and B - common stack)
85B2	Unit 40 Boiler
98H1	Unit 98 Reformer Furnace
29H2	Unit 29 Preheater
50H1	Coker Unit 50 Charge Heater
51H1	Vacuum Unit 51 Charge Heater

27. Emissions of NO_x from the stacks of the following heaters shall not exceed 0.035 pound per million British thermal units (lb/MMBtu) based on higher heating value: **(04/05)**

Unit 98 Reformer Furnace (EPN 98H1)

Vacuum Unit Charge Heater (EPN 51H1)

Coker Charge Heater (EPN 50H1)

Beginning January 1, 2013, the Unit 41 SMR heater, EPN 41H1, shall achieve a NO_x emission limit of 0.01 lb/MMBtu (365 day rolling average) at a maximum capacity of 729 MMBtu/hr HHV (365 day rolling average). **(01/13)**

28. Fuel gas used to fire all heaters, boilers, and TGIs shall not exceed an H_2S concentration of 162 ppmv for the short-term and 60 ppmv for the annual average. The H_2S concentration in the fuel shall be continuously monitored and recorded according to NSPS, Subpart J requirements. (PSD)

Federal Applicability

29. This facility shall comply with all applicable requirements of EPA regulations on Standards of Performance for New Stationary Sources in 40 CFR Part 60 promulgated for the following: (PSD) **(04/16)**

    A. Subpart A, General Provisions.

    B. Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

    C. Subpart J, Standards of Performance for Petroleum Refineries.

    D. Subpart Ja, Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007.

    E. 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.

    F. 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.

    G. 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.

    H. 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.

    I. Subpart GGGa, Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After November 7, 2006.

J. Subpart QQQ, Standards of Performance for VOC Emissions From Petroleum Refinery Wastewater Systems

30. This facility shall comply with all applicable requirements of EPA regulations on National Emission Standards for Hazardous Air Pollutants in 40 CFR Part 61 promulgated for the following: (PSD) **(8/16)**

A. Subpart A, General Provisions.

B. Subpart FF, National Emission Standard for Benzene Waste Operations.

31. This facility shall comply with all applicable requirements of EPA regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories in 40 CFR Part 63 promulgated for the following: (PSD) **(04/16)**

A. Subpart A, General Provisions.

B. Subpart CC, National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries.

C. Subpart UUU, National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.

D. Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters.

32. The opacity from all heaters, boilers, etc., shall not exceed 5 percent averaged over a six-minute period, except for those periods described in 30 TAC § 111.111(a)(1)(E). **(12/06)** (PSD)

33. The EPNs 66FL8, 66FL10, and 66FL11 will obtain a 98 percent hydrocarbon destruction efficiency.

The holder of this permit shall perform annual testing of the flare headers to determine actual emissions from the flares. The sampling information, flare operating time, and the demonstrated 98 percent destruction efficiency shall be used to determine flare actual emissions.

The holder of this permit shall submit test plans and schedules to the TCEQ Regional Office no less than 45 days prior to sampling to schedule a pretest meeting and to give the TCEQ an opportunity to comment, propose modifications, approve, and monitor the tests. Information to be included in the test plan and schedule shall include:

A. Date for pretest meeting.

B. Date(s) sampling will occur.

C. Name of firm conducting the sampling.

D. Type of sampling equipment to be used.

E. Method or procedure to be used in sampling.

F. Additional parameters to be monitored to ensure that the baseline is not exceeded from one annual test to the next.

The TCEQ Regional Director must approve any continuous or periodic monitoring system proposed for compliance with the annual testing requirements of this condition. **(04/05)**

34. Atmospheric relief valves in VOC service that are not equipped with rupture discs shall be checked for leaks on a quarterly basis with an approved gas analyzer. A leak shall be defined as 500 ppmv. There shall be no variance for inaccessible valves. All leaking valves shall be repaired or replaced at the earliest opportunity but not later than the next scheduled process shutdown. **(11/05)**

Storage and Loading of VOC

35. Storage tanks are subject to the following requirements. The control requirements specified in paragraphs A through D 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°F, whichever is greater, or (2) to storage tanks smaller than 25,000 gallons. (Parts A through D are not necessary if you are only authorizing fixed-roof tanks.) **(11/05)**

A. An internal floating deck or "roof" or equivalent control shall be installed in all tanks. The floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: (1) a liquid-mounted seal, (2) two continuous seals mounted one above the other, or (3) a mechanical shoe seal.

B. An open-top tank containing a floating roof (external floating roof tank) which uses double seal or secondary seal technology shall be an approved control alternative to an internal floating roof tank provided the primary seal consists of either a mechanical shoe seal or a liquid-mounted seal and the secondary seal is rim-mounted. A weathershield is not approvable as a secondary seal unless specifically reviewed and determined to be vapor-tight.

C. For any tank equipped with a floating roof, the permit holder shall perform the visual inspections and seal gap measurements as specified in 40 CFR § 60.113b, Testing and Procedures (as amended at 54 FR 32973, Aug. 11, 1989), to verify fitting and seal integrity. Records shall be maintained of the dates seals were inspected and seal gap measurements made, results of inspections and measurements made (including raw data), and actions taken to correct any deficiencies noted.

D. The floating roof design shall incorporate sufficient flotation to conform to the requirements of API Code 650 dated November 1, 1998, except that an internal floating cover need not be designed to meet rainfall support requirements and the materials of construction may be steel or other materials.

E. Except for logos, slogans and similar displays (not to exceed 15 percent of the vertical tank shell area), uninsulated tank exterior surfaces exposed to the sun shall be white,

aluminum, or other equivalent color. Storage tanks must be equipped with permanent submerged fill pipes. **(12/06)**

F. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all storage tanks during the previous calendar month and the past consecutive 12-month period. The record shall include tank identification number, control method used, tank capacity in gallons, name of the material stored, VOC molecular weight, VOC monthly average temperature in degrees Fahrenheit, VOC vapor pressure at the monthly average material temperature in psia, VOC throughput for the previous month and year-to-date. Records of VOC monthly average temperature are not required to be kept for unheated tanks which receive liquids that are at or below ambient temperatures.

Emissions for tanks shall be calculated using: the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Storage Tanks."

G. Tanks taken out of hydrocarbon service, for any reason, do not have to have any controls in place during the time they are out of service.

H. Any slotted guidepole in an external floating roof equipped storage vessel that is an affected facility pursuant to 40 CFR §§ 60.110a or 60.110b (NSPS, Subpart Ka or Kb), will be subject to a requirement to have either a pole float system or a pole sleeve system as described below installed.

Pole Float System - Each opening through the deck of the floating roof for a slotted guidepole shall be equipped with a deck cover, a pole wiper, and a pole float. The deck cover shall also be equipped with a gasket between the cover and deck. The wiper or seal of the pole float shall be at or above the height of the pole wiper.

Pole Sleeve System - Each opening through the deck of the floating roof for a slotted guidepole shall be equipped with a deck cover, a pole wiper and a pole sleeve. The deck cover shall be equipped with a gasket between the cover and the deck. The sleeve extends into the stored liquid.

Maintenance of the pole sleeve system or the pole float system is required as follows:

A "sleeve" or sliding cover shall be in place over the slotted-guidepole opening through the floating roof at all times except when the sliding cover must be removed for access.

If the control technology used includes a guidepole float, the float shall be floating within the guidepole at all times except when it must be removed for access to the stored liquid or when the tank is empty.

Visually inspect the deck fitting for the slotted guidepole at least once every ten years and each time the vessel is emptied and degassed. If the slotted guidepole deck fitting or control devices have defects or if a gap of more than 0.32 centimeter (1/8 inch) exists between any gasket required for control of the slotted guidepole deck fitting and any surface that it is intended to seal, such items shall be repaired before filling or refilling the storage vessel with regulated material. **(8/01)**

36. The emissions from compounds being loaded into tank trucks and/or railcars having a vapor pressure of greater than or equal to 0.5 psia at 100°F shall be collected and routed Thermal Oxidizer Unit (EPN 53FL1) or the following Flares (EPNs 66 FL1, -66FL2, -66FL3, -66FL4, or -66FL12). The thermal oxidizer unit shall be operated to ensure at least a 98 percent destruction efficiency of the VOC loading emissions or a VOC exit concentration of less than 20 ppmv, dry, corrected to 3 percent O_2. The required destruction efficiency of the flares shall be demonstrable by operation in compliance with Special Condition (SC) No. 2 of this permit. **(09/08)**

    The oxidizer exit temperature shall be continuously monitored and the temperature readings shall be reduced to an averaging period of six minutes or less and recorded at that frequency. The exit temperature shall be maintained greater than 105°F or the temperature maintained during the last stack test performed in accordance with the stack sampling condition. Loading shall be secured immediately if this temperature cannot be maintained. In lieu of routing to a thermal oxidizer unit, collected emissions may be routed back into the process.

    The temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ±0.75 percent of the temperature being measured expressed in degrees Celsius or ±2.5°C.

    Quality-assured (or valid) data must be generated when the thermal oxidizer is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the thermal oxidizer operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded. **(11/05)**

37. Tank trucks handling compounds with a vapor pressure greater than or equal to 0.5 psia at 100°F shall be leak-tested annually according to the requirements of NSPS, Subpart XX. Tank trucks shall be checked for the presence of leak testing certifications prior to being loaded. Tank trucks which are in "pressure service" (designed and operated with a pressure of greater than 15 pounds per square inch, gauge [psig]) are exempt from the leak testing requirement; however, the trucks shall be certified as pressure tight according to their applicable Department of Transportation regulations. **(11/05)**

38. The permit holder shall maintain and update monthly an emissions record which includes calculated emissions of VOC from all loading operations over the previous rolling 12-month period. The record shall include the loading spot, control method used, quantity loaded in gallons, name of the liquid loaded, vapor molecular weight, liquid temperature in degrees Fahrenheit, liquid vapor pressure in psia (at either the maximum loading temperature or the actual loading temperature), and liquid throughput for each month. Records of VOC temperature are not required to be kept for liquids loaded from unheated tanks which receive liquids that are at or below ambient temperatures. Emissions shall be

calculated using the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations." **(11/05)**

39. The use of spew rods for gauging railcars and tank trucks in "pressure service" (designed and operated with a pressure of 15 psig or greater) shall either cease no later than December 31, 2005, or the holder of this permit shall provide adequate information to demonstrate continuing compliance with the emissions cap for those compounds being loaded. **(11/05)**

Piping, Valves, Connectors, Pumps, Agitators, and Compressors - 28VHP

40. Except as may be provided for in the special conditions of this permit, the following requirements apply to the above-referenced equipment. **(04/16)**

    A. The requirements of paragraphs F and G shall not apply (1) where the VOC have an aggregate partial pressure or vapor pressure of less than 0.044 psia at 68°F or (2) to piping and valves two inches nominal size and smaller unless in fugitive areas F-9, F-10, F-28, F-23, F-36, F-32, F-1, F-2, F-2-1, F-2-5, F-4, F-5, F-6, F-7, F-11, F-19-1, F-19-2, or required by 40 CFR Part 63, Subpart H or CC, or (3) operating pressure is at least five kilopascals [0.725 pound per square inch (psi)] below ambient pressure. Equipment excluded from this condition shall be identified in a list to be made available upon request.

    The exempted components may be identified by one or more of the following methods:

    (1) piping and instrumentation diagram (PID);

    (2) a written or electronic database or electronic file;

    (3) color coding;

    (4) a form of weatherproof identification; or

    (5) designation of exempted process unit boundaries

    B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), API, American Society of Mechanical Engineers (ASME), or equivalent codes.

    C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.

    D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), shall be identified in a list to be made readily available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in subparagraph A above. If an unsafe-to-monitor component is

not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe-to-monitor times. A difficult-to-monitor component for which quarterly monitoring is specified may instead be monitored annually.

E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through.

Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the isolation of equipment for hot work or the removal of a component for repair or replacement results in an open ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period;

(1) a cap, blind flange, plug, or second valve must be installed on the line or valve; or

(2) the open-ended valve or line shall be monitored once for leaks above background for a plant or unit turnaround lasting up to 45 days with an approved gas analyzer and the results recorded. For all other situations, the open-ended valve or line shall be monitored once within the 72 hour period following the creation of the open ended line and monthly thereafter with an approved gas analyzer and the results recorded. For turnarounds and all other situations, leaks are indicated by readings of 500 ppmv and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.

F. Accessible valves shall be monitored by leak checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. If a relief valve is equipped with rupture disc, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed at least quarterly and recorded in the unit log or equivalent. Pressure-sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.

The gas analyzer shall conform to requirements listed in Method 21 of 40 CFR part 60, appendix A. The gas analyzer shall be calibrated with methane. In addition, the

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

Replacements for leaking components shall be re-monitored within 15 days of being placed back into VOC service.

G. Except as may be provided for in the special conditions of this permit, all pump, compressor, and agitator seals shall be monitored with an approved gas analyzer at least quarterly or be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. Seal systems designed and operated to prevent emissions or seals equipped with an automatic seal failure detection and alarm system need not be monitored. These seal systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.

H. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. Damaged or leaking pump, compressor, and agitator seals found to be emitting VOC in excess of 2,000 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days and a record of the attempt shall be maintained.

I. A leaking component shall be repaired as soon as practicable, but no later than 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging within 15 days of the detection of the leak. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (c)(1)(B)(i)(II). The calculations of the cumulative daily emissions from all components on the delay of repair list shall be updated within ten days of when the latest leaking component is added to the delay of repair list. When the cumulative daily emission rate of all components on the delay of repair list times the number of days until the next scheduled unit shutdown is equal to or exceeds the total emissions from a unit shutdown as calculated in accordance with 30 TAC 115.782 (c)(1)(B)(i)(I), the TCEQ

Regional Manager and any local programs shall be notified and may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. This notification shall be made within 15 days of making this determination.

J. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall indicate dates and times, test methods, and instrument readings. The instrument monitoring record shall include the time that monitoring took place for no less than 95% of the instrument readings recorded. Records of physical inspections shall be noted in the operator's log or equivalent.

K. Alternative monitoring frequency schedules of 30 TAC § 115.352 - 115.359 or National Emission Standards for Organic Hazardous Air Pollutants, 40 CFR Part 63, Subpart H, may be used in lieu of Items F through G of this condition.

L. Compliance with the requirements of this condition does not assure compliance with requirements of 30 TAC Chapter 115, an applicable New Source Performance Standard (NSPS), or an applicable National Emission Standard for Hazardous Air Pollutants (NESHAPS) and does not constitute approval of alternative standards for these regulations.

M. The reading of the pressure-sensing device to verify disc integrity performed at least quarterly and recorded in the unit log or equivalent in Paragraph F is not required prior to January 1, 2017.

41. For purposes of establishing the emission caps for this flexible permit, implementation of the 28 VHP Leak Detection and Repair (LDAR) program and the appropriate reduction credits were utilized. If any other LDAR program is used for a set of components subject to this permit, the fugitive emissions for all components shall be calculated using the appropriate reduction credits for the LDAR program actually used to monitor each component. For components monitored under an LDAR program other than 28 VHP, the net emission rates from those components must be equivalent or less than those obtained if 28 VHP were in place.

    The holder of this permit shall maintain a listing of each LDAR program utilized, and the unit to which that program is applied. This information shall be made available to representatives of the TCEQ upon request. **(9/08)**

42. As an alternative to comparing the daily emission rate of the components on the delay of repair (DOR) list to the total emissions from a unit shutdown per the requirements of Special Condition No. 40, Subparagraph I, the cumulative hourly emission rate of all components on the DOR list may be compared to ten percent of the total short term VOC fugitive cap contributions in order to determine if the TCEQ Regional Director and any local program is to be notified. In addition, the hourly emission rates of each specific compound on the DOR list must be less than ten percent of the speciated hourly fugitive emission rate of the same compound, as used in the most recent applicable Air Quality Analysis. **(6/12)**

43. The requirements of SC 40.I. and 42. shall take effect 180 days after the start-up of the modified Unit 42 Gas Oil Hydrodesulfurizer (GOHDS) fractionator. Until that time the following requirements shall be met:

    Every reasonable effort shall be made to repair a leaking component, as specified in this paragraph, within 15 days after the leak is found. If the repair of a component would require a unit shutdown, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging.

    The TCEQ Executive Director may require early unit shutdown or other appropriate action based on the number and severity of tagged leaks awaiting shutdown. **(6/12)**

44. In addition to the weekly physical inspection required by Item E of the 28 VHP LDAR condition, all connectors subject to 40 CFR Part 63, Subpart H in gas/vapor and light liquid service shall be monitored annually with an approved gas analyzer in accordance with Items F through J of the 28 VHP LDAR condition. Alternative monitoring frequency schedules of 40 CFR Part 63, Subpart H, National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks, may be used in lieu of the monitoring frequency required by this permit condition. Compliance with this condition does not assure compliance with requirements of applicable state or federal regulation and does not constitute approval of alternative standards for these regulations. **(05/99)**

Cooling Towers

45. The VOC associated with cooling tower water shall be monitored monthly with an air stripping system meeting the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition) or an approved equivalent sampling method. The results of the monitoring, cooling water flow rate, and maintenance activities on the cooling water system shall be recorded.

    The monitoring results and cooling water hourly mass flow rate shall be used to determine cooling tower hourly VOC emissions. The rolling 12-month cooling water emission rates shall be recorded on a monthly basis and used to determine compliance with the emission cap. Actual emissions from each cooling tower shall be determined by summing the VOC emissions between VOC monitoring periods over the rolling 12-month period.

    The emissions between VOC monitoring periods shall be obtained by multiplying the total cooling water mass flow between cooling water monitoring periods by the higher of the two VOC monitored results. **(11/05)**

Engines

46. Fuel used in the four-cycle and two-cycle engines shall be pipeline-quality, sweet natural gas with a fuel sulfur content of no more than 0.25 grain/100 standard cubic feet (scf) (or 4.0 ppmv), or NSPS J quality plant fuel gas supplies containing less than 162 ppmv H_2S. Records shall be maintained containing the period of time that 162 ppmv gas was burned

in the engines. These records shall be used in determining compliance with the emissions cap. **(09/08)**

A. This permit authorizes emissions from the Emergency Fire Water Pump Engines (EPNs FWP1, FWP2, FWP3, FWP4, and FWP5) for firefighting and preventative maintenance and testing. The operation of each emergency fire water pump engine is limited to 35 hours per year, except during emergencies. The performance of each maintenance and testing activity and the associated emissions shall be recorded and the rolling 12-month emissions shall be updated on a monthly basis. These records shall include the following: **(09/09)**

(1) the physical location at which emissions from the activity occurred, including the emission point number, common name, and any other identifier for the point at which the emissions were released into the atmosphere;

(2) the common name and the facility identification number of the facility at which activity and emissions occurred;

(3) the date and time of the activity and its duration.

47. Emissions of NO_x, CO, and VOC from the following engines shall be reported on a dry basis in brake specific units of gram per horsepower-hour (g/hp-hr) and in units of lb/hr. After completion of the BACT and implementation schedule, the engines shall achieve the following. **(05/03)**

Emission Unit	Air Contaminant	Emission Rate
Clark 230VRP	CO	5.8 g/hp-hr
	NO_x	8.0 g/hp-hr
	VOC	1.3 g/hp-hr
Clark RA-6 and RA-8	CO	3.0 g/hp-hr
	NO_x	8.0 g/hp-hr
	VOC	4.0 g/hp-hr
White-Superior 8G-825, 6G-825, and 4G-825	CO	3.0 g/hp-hr
	NO_x	2.0 g/hp-hr
	VOC	1.0 g/hp-hr

Emissions of NO_x, CO and VOC after installation of NO_x controls (includes reduced annual emission rates): **(02/12)**

Type of Emission Unit	EPN	Emission Control Technique	Max. Heat Capacity Limit (HHV)	CO	NO_x short term/ annual	VOC	Hours
			MMBtu/hr*	g/hp-hr [lb/MMBtu]*			
Engine #37 Clark RA-8	93E1	Prestratified charge system	8.80	3.0 [0.69]	8.0 [1.84]/ 2.04 [0.47]	4.0 [0.92]	8,760
Engine #46 White-Superior 425 hp	12E6	Prestratified charge system & catalyst	3.29	3.0 [0.89]	2.0[0.87]/ 1.58 [0.47]	1.0 [0.30]	8,760

* On a 365 day rolling average

48. Rich burn engines modified through the use of a catalyst to meet BACT requirements shall be equipped with air/fuel ratio controllers which maintain the exhaust O_2 content in the range demonstrated by initial testing. The O_2 sensor shall be replaced on a quarterly basis or every 2,000 hours (whichever is longer). Documentation shall be maintained, for each air/fuel controller, that the manufacturers or supplier's recommended maintenance has been performed. **(09/09)**

49. Opacity of emissions from engines modified to meet BACT shall not exceed 5 percent averaged over a six-minute period, except for those periods described in 30 TAC § 111.111(a)(1)(E).

Demonstration of Compliance

50. The holder of this permit shall perform initial and biennial stack sampling and other testing to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the engines.

    Gaseous sampling port(s) and sampling platforms(s) shall be incorporated into the design of the engine stack per specifications in the attachment entitled "Chapter 2, Stack Sampling Facilities" of the TCEQ Sampling Procedures Manual. Alternate sampling facility designs may be submitted for approval by the TCEQ Regional Director.

    A. The appropriate TCEQ Regional Office shall be contacted as soon as testing is scheduled, but not less than 45 days prior to sampling to schedule a pretest meeting.

       The notice shall include:

       (1) Date for pretest meeting.

       (2) Date sampling will occur.

(3) Name of firm conducting sampling.

(4) Type of sampling equipment to be used.

(5) Method or procedure to be used in sampling.

(6) Procedure to be used to determine engine horsepower load during 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.

During the pretest meeting, the applicant may request the use of EPA Method 19 (as referenced by 30 TAC § 106.512) to calculate the stack flow. Pertinent data, including fuel flow, shall be recorded and included in the sampling report. Any data and/or records required in addition to the EPA Method 19 requirements shall be addressed at the pretest meeting. The method of flow measurement shall be that listed in the testing protocol and must be approved by the TCEQ prior to testing. A written proposed description of any deviation from sampling procedures specified in permit conditions or the TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Director shall approve or disapprove of any deviation from specified sampling procedures.

B. Air contaminants emitted from the engines to be tested for include (but are not limited to) NO_x, CO and O_2.

C. Engine emissions shall be determined by appropriate EPA methods or other methods approved by the TCEQ Regional Director prior to sampling. Methods described in 30 TAC § 106.512(2)(C)(iii) are considered to be approved methods.

Emissions shall be sampled at minimum, average, and maximum engine rounds per minute (RPMs). Sampling at different RPMs is not required if the operating minimum, average, and maximum RPMs are within 10 percent of the maximum RPMs. Every effort should be made to conduct initial compliance testing during conditions which demand the maximum horsepower expected for the engine.

D. Sampling shall be performed within 60 days after the completion of engine modifications (or within 60 days after issuance of the flexible permit if a specific engine is not going to be modified), and other such times as determined necessary to verify compliance with the emissions cap as required by the TCEQ Regional Director or the TCEQ Executive Director. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office.

E. One copy of the final sampling report shall be forwarded to the TCEQ Amarillo Regional Office within 60 days after sampling is completed. Sampling reports shall comply with the Chapter 14 of the TCEQ Sampling Procedures Manual.

51. In order to demonstrate that compliance for all engines is continuously met, the holder of this permit shall perform the following: **(11/05)**

A. Conduct evaluations of engine performance on a quarterly basis at full engine load and speed by measuring the NO_x and CO content of the exhaust.

The use of portable analyzers specifically designed for measuring the concentration of each contaminant in ppmv is acceptable for these evaluations. A hot air probe or equivalent shall be used with portable analyzers to prevent error results due to high exhaust gas temperatures.

Three sets of measurements shall be averaged to determine the concentrations. Prior to and following the measurements, the portable analyzer shall be checked for accuracy using an audit gas that conforms to the specifications in 40 CFR Part 60, Appendix F, § 5.1.2(3). Any other method shall be approved by the TCEQ Regional Director.

B. If the engine employs NSCR emission control, emissions testing shall be performed no later than 14 days following any maintenance performed on the air/fuel ratio controller, sensor, or catalyst (including catalyst cleaning or replacement) and following engine maintenance which may affect the character and quantity of emissions.

C. If the engine employs a Pre-Stratified Charge (PSC) emission control system, emissions testing shall be performed no later than 14 days following any maintenance or shutdown of the engine which may affect ignition timing, initial carburetor setting, or the air dilution control system. In addition, every 2,000 hours of engine operation or quarterly the holder of this permit shall ensure that the engine meets the emission standard.

Emissions shall be measured and recorded in the as-found operating condition, except no compliance determination shall be established during start-up, shutdown, or under breakdown conditions. **(11/05)**

Stack Sampling

52. The holder of this permit shall perform stack sampling and other testing, as required, to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the following sources:

Units 29 and 40 FCCU Stacks (EPNs 29P1 and 40P1), and SRU 43 and 34 TGI Stacks (EPNs 43I1 and 34I1). **(04/05)**

All boilers, heaters, etc., with firing rates of 40 MMBtu/hr or greater including the Unit 40 Boiler shall be subject to stack sampling. In addition, common stacks containing units capable of 40 MMBtu/hr or greater shall also be sampled. **(12/06)**

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

A. The appropriate TCEQ Regional Office in the region where the source is located shall be contacted as soon as testing is scheduled, but not less than 45 days prior to sampling to schedule a pretest meeting.

The notice shall include:

(1) Date for pretest meeting.

(2) Date sampling will occur.

(3) Name of firm conducting sampling.

(4) Type of sampling equipment to be used.

(5) Method or procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test reports.

A written proposed description of any deviation from sampling procedures specified in permit conditions or TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Director or the TCEQ Austin Compliance Support Division shall approve or disapprove of any deviation from specified sampling procedures.

Requests to waive testing for any pollutant specified in B of this condition shall be submitted to the TCEQ Air Permits Division. Test waivers and alternate or equivalent procedure proposals for NSPS testing which must have EPA approval shall be submitted to the TCEQ Regional Director.

B. Air contaminants emitted from the listed sources to be tested for include (but are not limited to) the following:

FCCU Stacks	NO_x, CO, SO_2, O_2, TSP* and PM_{10}*
SRU TGIs	NO_x, CO, SO_2, O_2 and H_2S
Boilers, Heaters, Furnaces, etc.	NOx, CO, SO_2, VOC, and O_2

* TSP - total suspended particulate, PM_{10} - particulate matter of 10 microns or less

C. Sampling shall occur within 60 days after the completion of boiler/heater, etc., modifications to a specific unit, and other such times as may be required by the TCEQ Regional Director or the TCEQ Executive Director. 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 Part 60 and 40 CFR Part 61 requires EPA approval, and requests shall be submitted to the TCEQ Regional Director. **(04/05)**

D. The EPN being tested shall operate at maximum production or firing rates during stack emission testing. Primary operating parameters that enable determination of production rate shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting. If the EPN is unable to operate at maximum rates during testing, then future production rates may be limited to the rates established during testing. Additional stack testing may be required if the firing rate exceeds the tested firing rate by more than 10 percent.

(Additional testing will not be required if the EPN is equipped with a continuous emissions monitoring system [CEMS].)

E. One copy of the final sampling report shall be forwarded to the TCEQ Amarillo Regional Office within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions of Chapter 14 of the TCEQ Sampling Procedures Manual.

F. Stack sampling for those units which are not equipped with a CEMS shall be repeated every five years after the initial sampling in conformity with A, B, and D of this condition. Unit 19.3 shall be sampled every two years until a CEMS is operating to monitor emissions. **(12/04)**

The applicable FCCU Stacks (EPNs 29P1 and 40P1) shall be sampled annually for TSP and PM_{10} when the FCCU air coolers are in operation. (PSD) **(12/06)**

53. 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: **(09/08)**

A. The Units 29 and 40 FCCU Stacks (EPNs 29P1 and 40P1): SO_2, NO_x, CO, O_2 and opacity. **(04/05)**

B. The SRU 34 TGI Stack (EPN 34I1): SO_2 and O_2. The SRU 43 TGI Stack (EPN 43I1): SO_2, CO, and O_2.

C. The Unit 98 Reformer Furnace (EPN 98H1): NO_x, CO and O_2. The CEMS shall be installed and operational upon start-up of the furnace. **(04/05)**

D. The Unit 50 Charge Heater (EPN 50H1): NO_x, CO and O_2. The CEMS shall be installed and operational upon start-up of the heater. **(04/05)**

E. The Unit 51 Charge Heater (EPN 51H1): NO_x, CO and O_2. The CEMS shall be installed and operational upon start-up of the heater. **(04/05)**

F. The Unit 40 Boiler (EPN 85B2): NO_x, CO and O_2. The CEMS shall be installed and operational upon start-up of the boiler. **(09/08)**.

After a shakedown period not to exceed 180 days, the Unit 40 Boiler shall not exceed a NO_x emission rate of 0.02 lb/MMBtu based on a three hour average and a CO concentration in the stack of 100 parts per million by volume dry at 3 percent O_2 based on a three-hour average. **(12/06)**

With the exception of the above sources, a CEMS used to measure and/or predict and record the in-stack concentrations of NO_x, CO and O_2 shall be operational and used to monitor emissions within one year of emitting greater than 26.3 tons per year (tpy) NO_x (26.3 tpy NO_x is calculated from 0.06 lb NO_x/MMBtu based on a 100 MMBtu/hr firing duty) from any boiler, heater or combustion device with a maximum firing rate greater than or equal to 100 MMBtu/hr (this includes Unit 19.3 [Distillate Charge Furnace]). These units shall be monitored as required in the Stack Sampling condition with a two-year stack sampling period until a CEMS is required.

The terms of this paragraph are effective upon implementation of BACT for the particular combustion device. **(12/04)**

The monitoring system shall meet the following section of Requirements for CEMS: **(12/04)**

54. Requirements for CEMS:

The CEMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and the data analysis and reporting requirements specified in the applicable Performance Specification Nos. 1 through 9, 40 CFR Part 60, Appendix B.

If there are no applicable performance specifications in 40 CFR Part 60, Appendix B, contact the TCEQ Office of Air, Air Permits Division for requirements to be met.

A. Section 1 below applies to sources subject to the quality-assurance requirements of 40 CFR Part 60, Appendix F; section 2 applies to all other sources:

(1) The permit holder shall assure that the CEMS meets the applicable quality-assurance requirements specified in 40 CFR Part 60, Appendix F, Procedure 1. Relative accuracy exceedances, as specified in 40 CFR Part 60, Appendix F, Section 5.2.3 and any CEMS downtime shall be reported to the appropriate TCEQ Regional Manager, and necessary corrective action shall be taken. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Manager.

(2) The system shall be zeroed and spanned daily, and corrective action taken when the 24-hour span drift exceeds two times the amounts specified in the applicable Performance Specification Nos. 1 through 9, 40 CFR Part 60, Appendix B, or as specified by the TCEQ if not specified in Appendix B. Zero and span is not required on weekends and plant holidays if instrument technicians are not normally scheduled on those days.

B. Each monitor shall be quality-assured at least quarterly using Cylinder Gas Audits (CGA) in accordance with 40 CFR Part 60, Appendix F, Procedure 1, § 5.1.2, with the following exception: a relative accuracy test audit (RATA) is not required once every four quarters (i.e., four successive quarterly CGA may be conducted). An equivalent quality-assurance method approved by the TCEQ may also be used. Successive quarterly audits shall occur no closer than two months.

All CGA exceedances of +15 percent accuracy indicate that the CEMS is out of control.

C. The monitoring data shall be reduced to an hourly average concentration at least once every day, using a minimum of four equally-spaced data points from each one-hour period. The individual average concentrations shall be reduced to units of pounds per hour at least once every week as follows:

The measured hourly average concentration from the CEMS shall be multiplied by the flow rate. Units that do not have flow meters may use the flow rate measured

during the latest stack test performed in accordance with SC No. 52 to determine the hourly emission rate.

D. All monitoring data and quality-assurance data shall be maintained by the source. The data from the CEMS may, at the discretion of the TCEQ, be used to determine compliance with the conditions of this permit.

E. The appropriate regional office shall be notified at least 30 days prior to any required RATA in order to provide them the opportunity to observe the testing.

F. Quality-assured (or valid) data must be generated when the facility (FCCU, TGI, furnace, boiler, or heater, as listed in this condition) is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the facility generating emissions operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering 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 Director. **(11/05)**

55. Boilers, heaters, etc., with maximum firing rates of greater than or equal to 40 MMBtu/hr and less than 100 MMBtu shall be monitored in accordance with this condition. The terms of this condition are effective upon implementation of BACT for a particular device or for combustion devices for which additional controls are not anticipated within five years from the issuance of the flexible permit.

Stack sampling shall take place as required by the stack sampling condition. After completion of the initial stack test, the holder of this permit shall conduct grab samples (or spot checks with a portable analyzer) for NO_x and CO. The spot checks shall be comprised of no less than the average of three 15-minute readings for each pollutant. These checks shall be performed annually for Heater 9 (EPN 9H1), Heater 36 (EPN 36H1), Heater 26 (EPN 26H1), and Column 45 Reboiler (EPN 2H2); semiannually for Heaters 7 (EPN 7H1-4), Heater 42A (EPN 42H1), Heater 42B (EPN 42H2), and Heater 11 (EPN 11H1), and quarterly for any other units.

The fuel flow rate shall be continuously monitored and recorded. The heating value of the fuel (Btu/scf) shall be measured and recorded once per week. Heating values for purchased fuel gas supplies may, as an alternate, be calculated based upon a monthly composite from samples taken at least once per day. The methods, criteria, equipment, etc., used in conducting the spot checks shall be approved by the TCEQ Austin Compliance Support Division prior to conducting any spot checks.

The results of the spot checks shall be recorded in terms of ppm and converted into values of lb/hr and TPY within 30 days of sampling.

The SO_2 emissions from the unit shall be estimated monthly based upon the H_2S concentrations obtained from the H_2S fuel gas monitoring system (required by NSPS, Subpart J) and the fuel flow rate.

The CO and NO_x emission factors generated from the spot checks shall be used in lieu of those generated using the last stack test results obtained to determine actual emissions from the unit if results of the spot check are greater than those obtained in the last stack test.

The holder of this permit may petition the TCEQ for a reduction in the spot-checking frequency on an EPN-by-EPN basis. If the five-year stack test is failed, the EPN failing the stack test shall revert back to the quarterly basis until at least one year of data is collected. (PSD) **(02/04)**

56. For boilers, heaters, etc., with maximum firing rates less than 40 MMBtu/hr, the heating value of the fuel (Btu/scf) shall be measured and recorded once per week. Heating values for purchased fuel gas supplies may, as an alternate, be calculated based upon a monthly composite from samples taken at least once per day. The fuel flow rate shall be continuously monitored and recorded (in addition to the H_2S concentrations obtained from the H_2S fuel gas monitoring system). Records shall be maintained indicating any exceedance of a unit's represented firing rates. Should the firing rate of any unit exceed its permit representations, the holder of this permit shall provide adequate information to demonstrate continuing compliance with the emissions cap.

    Quality assured (or valid) data must be generated when a boiler, heater, etc. 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 a boiler, heater, etc. operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded. **(04/16)**

Recordkeeping

57. Recordkeeping programs for those facilities authorized by the flexible permit shall be established and maintained such that the ability to demonstrate compliance with all authorized emission caps (short-term and annual) are ensured. Records of all compliance testing, CEM results, and process parameters necessary to demonstrate compliance with the emission rate caps shall be maintained on-site for a period of three years.

    Compliance with annual TPY emissions shall be based on calendar basis through the year 2006 and on a 12-month rolling average thereafter. Emissions calculations for verifying compliance with the emission caps shall be calculated at least once every month. The holder of this permit shall maintain all records necessary to demonstrate compliance with the short-term lb/hr and annual TPY emissions cap and provide such demonstration of compliance to the TCEQ Regional Office upon request.

    The permit holder shall retain a copy of the permit application dated November 2007 and of any subsequent applications related to this permit. These records shall be retained for the effective life of the permit plus five years. **(11/08)** (PSD)

These and all other records required by any previous condition of this permit shall be made available to the TCEQ Executive Director or a representative upon request. (PSD)

58. All control upgrades implemented for facilities authorized by the flexible permit shall be completed as on a schedule to assure compliance with all short-term lb/hr and annual TPY emission caps as tabulated on the attached emission cap tables. (PSD)

Adjustment of Emission Rates

59. The emission rate estimates for flare and wastewater sources being tested initially as specified in the conditions of this flexible permit and the associated emission caps shall be adjusted as necessary to reflect the initial testing results. Piping component counts and fugitive emission estimates for the current and final emission caps shall be adjusted as necessary to reflect actual component counts as shown by the required LDAR program(s). Adjustments which result in an increase in estimated emissions shall require a permit amendment, and decreases in emission estimates may be affected by the use of a permit alteration. **(03/00)**

FCCU Particulate Monitoring

60. The permit holder shall continuously monitor and record the air flow rate to the regenerators. This value shall be used with the most recent stack test results performed in accordance with the Stack Sampling condition to determine the particulate emissions (TSP) from the FCCUs.

    The permit holder shall install, calibrate, operate and maintain a continuous opacity monitoring system (COMS) to measure and record the opacity from the electrostatic precipitator (ESP).

    A. The COMS shall meet (40 CFR Part 60), Appendix B Performance Specification No 1. The initial performance evaluation of the COMS required by the performance specification shall be conducted and passed within 60 days of start-up.

    B. The COMS shall meet the requirements of 40 CFR § 60.13. The appropriate TCEQ Regional Manager will be the administrator for alternate monitoring requests, except where the monitoring is also required by an applicable NSPS (40 CFR Part 60) or NESHAP (40 CFR Part 61 or Part 63) where EPA Region 6 remains the administrator for alternate monitoring requests.

       Alternate monitoring requests should be submitted to the appropriate TCEQ Regional Director and EPA Region 6, when they are the administrator, with copies to any local air pollution programs and the TCEQ Regional Director.

    C. Monitoring data shall be recorded and maintained as specified in 40 CFR §§ 60.7(c), (d), (e), and (f).

    D. The appropriate TCEQ Regional Office and any local air pollution programs shall be notified at least 30 days prior to any required initial performance evaluation.

E. Quality-assured (or valid) data must be generated when the FCCU is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the FCCU is operated over the previous rolling 12-month period. **(11/05)**

Coke Storage and Handling (04/05)

61. The permit holder will ensure that a minimum coke moisture content of 6 percent (by weight) is maintained. Water sprays shall be used as necessary throughout the coke handling and loading process to minimize particulate emissions.

62. During normal operations (coke loaded from the silo), samples for moisture analysis shall be taken of coke to be loaded when more than 48 hours elapses between loading events. Sampling shall occur with one hour prior to the start of loading. **(11/05)**

63. The opacity of emissions from any transfer point, conveyor, crusher, etc., at this unit shall not exceed 5 percent averaged over a six-minute period, except for those periods described in 30 TAC § 111.111(a)(1)(3). No visible emissions may leave the plant property. If visible emissions do leave the plant property, further controls or measures shall be installed and/or implemented as required to limit visible emissions.

64. Coke handling conveyors shall be completely covered on top, bottom, and one side with a partial opening on the other side for inspection purposes.

65. Coke may be stockpiled at the site. During such periods, the following shall apply: **(09/08)**

    A. A watering truck or other watering device (such as a sprinkler system, etc.) shall be used on the coke stockpile as necessary to minimize particulate emissions. Final design of a watering system other than a watering truck shall be approved by the TCEQ Amarillo Regional Office prior to installation.

    B. The permit holder shall take samples of the stockpiled coke within one hour prior to the scheduled application of water. Sampling frequency shall be once every other day until the coke stockpile is removed. Sampling locations shall be rotated sufficiently to ensure representative coverage of the stockpile.

    C. Records shall be kept of daily quantities of total coke produced, total coke exported, coke moved to the stockpile, and coke moved from the stockpile.

66. Coke samples shall be analyzed for moisture content using American Society for Testing and Materials or other methods as agreed upon by the TCEQ Amarillo Regional Office.

Powdered Activated Carbon Silos

67. A fabric filter shall control particulate matter (PM) emissions from the Powdered Activated Carbon Silos. The PM outlet grain loading from fabric filters shall not exceed 0.007 grain

per dry standard cubic foot of air. There shall be no visible emissions exceeding 30 seconds in any six-minute period as determined using U.S. Environmental Protection Agency (EPA) Test Method 22. **(11/05)**

Flare Emission Event Setpoints

68. The following emission rates shall be used to evaluate whether an emission event may be reportable as per 30 TAC § 101.201(a)(1)(A). These rates are not intended to be used as emissions limitations for the purposes of compliance with this permit. **(05/08)**

Maximum Emissions when Flares are Connected				
EPN's	**SO_2 lb/hr**	**NO_x lb/hr**	**VOC lb/hr**	**CO lb/hr**
66FL1 66FL2	8.0	4.0	38.6	22.4
66FL3 66FL12	86.8	8.1	23.4	45.7
66FL6 66FL12	160.7	4.6	11.4	26.2
66FL4 66FL6	103.4	5.5	60.6	43.6

69. The Acid Gas Flare (EPN 66FL6) and the Derrick Flare (EPN 66FL13) are affected facilities under the EPA regulations in 40 CFR Part 60 (NSPS) and are subject to the requirements of Subpart A and Subpart J (40 CFR Part 60, Subparts A and J) for sulfur dioxide. **(05/08)**

70. The East Refinery Flare (EPN 66FL1), West Refinery Flare (EPN 66FL2), CAT Flare (EPN 66FL3), and GOHDS Flare (EPN 66FL12) are affected facilities, as of December 31, 2011, under the EPA regulations in 40 CFR Part 60 (NSPS) and are subject to the requirements of Subpart J (40 CFR, Part 60, Subpart J). **(02/12)**

    The permit holder will operate and maintain a flare gas recovery system to control continuous or routine combustion in the Flaring Device. Use of a flare gas recovery system on a flare obviates the need to continuously monitor and maintain records of hydrogen sulfide in the gas as otherwise required by 40 CFR Part 60.105(a)(4) and 60.7. However the determination of hydrogen sulfide in the gases directed to these flares, through lab data/engineering estimates, and maintenance of records of these determinations, is still required to demonstrate compliance with permit conditions (other than NSPS Subpart J) and MAERT limits under such conditions where hydrogen sulfide may be present in the flared gas stream.

Steam Methane Reformer Furnace Tube Replacement

71. The furnace tube replacement in steam methane reformer forty-one authorized by the amendment, PI-1 dated November 16, 2009, was determined not to be subject to major new source review by identifying projected actual emission rates for the facilities potentially affected by the project in Table A-3 entitled Unit 41 SMR Heater PSD Applicability and Demand Growth Exclusion, revised on March 18, 2010. Actual

emissions from those facilities shall be monitored, recorded and reports made in accordance 30 TAC § 116.121 for the time period specified in 30 TAC § 116.121(b)(1). A copy of Table A-3 shall be attached to the permit kept on-site. **(04/10)**

72. The Gas-Oil Hydro Desulfurization Unit 42 Diesel Flexibility Modification project authorized by the amendment dated May 30, 2012 were determined not to be subject to major new source review by identifying projected actual emission rates for the facilities within the cap of 2, 563.30 tons per year of VOCs versus the past actual of emissions within the cap of 2,562.33 tons per year of VOCs. Actual emissions from those facilities shall be monitored, recorded and reports made in accordance Title 30 Texas Administrative Code § 116.127 (30 TAC § 116.127) for the time period specified in 30 TAC § 116.121(b)(1). **(06/12)**

73. NOx and CO emissions from the Unit 40 Superheater (EPN 40H3) shall not exceed the following: **(04/16)**

    A. 0.025 lb NOx/MMBtu on an hourly average and

    B. 50 ppmvd CO corrected to 3 percent oxygen on an hourly average.

Dated: August 9, 2016

Attachment A

Sources Authorized Under Permit by Rule and Standard Permit

EPN	Facility	Authorization
Sulfur C	Area C Truck Loading Rack	Permit by Rule No. 87158
H-28 SEP	Heavy Naphtha Fugitives	Permit by Rule No. 90182
F-22B	U22 Defluorination Project	Permit by Rule No. 95901
U42 Temp CT-A	Cooling Tower	30 TAC § 106.371
U42 Temp CT-B	Cooling Tower	30 TAC § 106.371
F-54-C12Temp1	Cooling Tower	30 TAC § 106.371
F-54-C12Temp2	Cooling Tower	30 TAC § 106.371
F-2-1 and F-2-2	HDS Catalyst Guard Bed Fugitives	Permit by Rule No. 96328
SCC-FUG	Coker Unit Sour Gas Coalescer Fugitives	Permit by Rule No. 98518
F-42-FFS	Unit 42 Feed Filtration System Fugitives	Permit by Rule 99345
F-35AF	Fuel Gas Dehydration Project	Permit by Rule No. 99365
SB-1	Skelly-Belviue Pipeline Project Fugitives	Permit by Rule No. 99373
41H1 FUG	Unit 41 SMR Heater Fugitives	Standard Permit No. 90208
12E6	Engine 46	Standard Permit No. 87458

Dated: September 27, 2013

Emission Sources - Maximum Allowable Emission Rates

Flexible Permit Numbers 9868A and PSDTX102M7

Emission Cap Table

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
Emission Caps	See Attachment I for Source Name and Emission Point Number Index	NO_x	1225.76	2465.27
		SO_2	6620.99	2967.21
		VOC	1681.08	3472.84
		CO	800.06	3483.78
		PM	262.70	1119.57
		NH_3	0.58	2.47
		Cl_2	1.24	5.41
		Benzene	12.18	20.28
		H_2S	17.97	57.01
		HCl	0.04	0.20
		HF	0.44	1.90
Individual Emission Limits				
85B2	Unit 40 Boiler	NO_x	11.96	52.40
		CO	42.85	187.70
		VOC	3.23	14.13
		PM_{10}	4.46	19.52
		SO_2	18.68	81.83
29P1	Unit 29 FCCU Stack	NH_3	9.75	42.71
		HCl	0.45	1.96
40P1	Unit 40 FCCU Stack	NH_3	9.75	42.71
		HCl	0.22	0.98

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
40H3	Unit 40 Superheater	NO_x	0.83	3.63
		SO_2	1.14	1.88
		VOC	0.63	2.76
		CO	2.08	9.13
		PM	0.43	1.89
		PM_{10}	0.43	1.89
		$PM_{2.5}$	0.43	1.89
34I1	SRU TGI	NO_x	0.19	0.82
		CO	0.32	1.38
		VOC	0.21	0.82
		PM_{10}	0.03	0.13
		SO_2	0.01	0.01
F-1-8	Merox Process Fugitives (5)	VOC	0.01	0.01
HFTEMP	HF Temporary Tank Process Fugitives (5)	HF	0.01	0.01
		VOC	0.01	0.02
F-28-2Ex	Unit 28 (2) Exchanger and Heater Integration Fugitives (5)	VOC	0.02	0.07
F-28-1Ex	Unit 28 (1) Exchanger and Heater Integration Fugitives (5)	VOC	0.06	0.26
F-32-CIP	Unit 32 Exchanger and Heater Integration Fugitives (5)	VOC	0.04	0.18
F-10B-Ex	Unit 10B Train Exchanger and Heater Integration Fugitives (5)	VOC	0.10	0.43
F-9-Ex	Unit 9 Exchanger and Heater Integration Fugitives (5)	VOC	0.06	0.26

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
F-10A-Ex	Unit 10A Exchanger and Heater Integration Fugitives (5)	VOC	0.06	0.25
F-67	Crude Unit Pump 67 Fugitives (5)	VOC	0.01	0.05
F-56-1-4-A(2&5)	West DAF	VOC	0.99	4.36
		NH_3	0.24	1.06
		H_2S	1.81	7.91
F-56-1-12	Flash Mixing	VOC	0.01	0.03
		NH_3	0.01	0.01
		H_2S	0.01	0.06
F-56-1-17	Flocculation	VOC	0.03	0.13
		NH_3	0.01	0.03
		H_2S	0.05	0.24
53R4	Sulfur Loading	PM	0.23	0.17
		PM_{10}	0.23	0.17
		$PM_{2.5}$	0.23	0.17
		H_2S	6.93	5.06
66FL1, 66FL2, 66FL3, & 66FL12	Flares – Routine Emissions	VOC	121.47	53.21
		NO_x	17.22	7.55
		CO	109.86	48.12
		SO_2	100.14	43.85
		H_2S	1.55	0.68
66FL1, 66FL2, 66FL3, & 66FL12	Flares – Fuel Gas Long Scenario	VOC	121.47	141.82
		NO_x	17.22	29.96
		CO	110.11	192.91
		SO_2	100.14	7.35
		H_2S	1.55	0.15
FGR-FUG	FGR Fugitives	VOC	5.20	22.79
		H_2S	0.01	0.01
66FL1, 66FL2, 66FL3,	Flares – Flare Gas	VOC	121.47	35.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
& 66FL12	MSS	NO_x	17.22	6.13
		CO	109.86	34.30
		SO_2	100.14	250.90
		H_2S	1.55	2.23
F-43WHB	Waste Heat Boiler Fugitives	SO_2	0.01	0.01
		H_2S	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_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
NH_3 - ammonia
Cl_2 - chlorine
H_2S - hydrogen sulfide
HCl - hydrogen chloride
HF - hydrogen fluoride
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: April 8, 2016

ATTACHMENT I

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Flexible Permit Numbers 9868A and PSDTX102M7

This table lists the emission point numbers and source names by contaminant included in the Emission CAP limit in the maximum allowable emission rate table. Any proposed change to emission points included in the Emission CAP may require an application for a modification of the facilities covered by this permit.

Contaminant (3)	Emission Point No. (1)	Source Name (2)
SO_2 SOURCES:		
	2H1	Unit 2-2 HDS Charge Heater
	2H2	Deoiler Furnace
	4H1	Unit 4 Feed Heater
	4H2	Unit 4 Dehydrator Heater
	5H1	Unit 5-A Feed Heater
	5H2	Unit 5-B Feed Heater
	5H3	Unit 5-C Feed Heater
	6H3	BHU Reduction Furnace
	6H1	Unit 6 Hydro Preheater
	7H1-4	Unit 7 Charge Furnace
	7H1-4	Unit 7 No. 1 Reheater
	7H1-4	Unit 7 No. 2 Reheater
	7H1-4	Unit 7 No. 3 Reheater
	9H1	Crude Oil Heater
	10H1	Crude Oil Heater
	12H1	Mol Sieve Regen Gas Heater
	19H3	19.1 Naphtha HDS Chg Heater
	19H5	19.1 No. 1 Reboiler
	19H5	19.1 No. 2 Reboiler
	19H6	19.2 Platformer Reheater No. 1
	19B1/19H1	19.2 Charge Furnace
	19B1/19H2	19.2 No. 2 Reheater
	19B1/19H2	19.2 No. 3 Reheater
	19B2/19H4	19.3 Charge Furnace
	19B2/19H4	19.3 Frac Feed Furnace
	22H1	Alky Reboiler Furnace
	26H1	Unit 26 DeC4 Reboiler
	28H1	Unit 28 Charge Heater

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
SO_2 SOURCES:		
	29H4	Unit 29 DeC4 Reboiler
	36H1	HDS Unit Charge Heater
	40H1	Unit 40 Superheater No. 1
	41H1 **(PSD)**	Unit 41 Reformer Furnace
	42H1 **(PSD)**	Unit 42 Reactor Chg Heater
	42H2 **(PSD)**	Unit 42 Reactor Chg Heater
	42H3 (**PSD**)	Unit 42 Fract Feed Heater
	50H1	Unit 50 Charge Heater
	51H1	Unit 51 Charge Heater
	98H1	Unit 98 Reformer Furnace
	7E1	Unit 7 Plat Engine No. 1
	7E2	Unit 7 Plat Engine No. 2
	7E3	Unit 7 Plat Engine No. 3
	7E4	Unit 7 Plat Engine No. 4
	7E5	Unit 7 Plat Engine No. 5
	7E6	Unit 7 Plat Engine No. 6
	12E1	Engine
	12E2	Engine
	12E3	Engine
	12E4	Engine
	12E5	Engine
	12E6	Engine
	12E7	Engine
	93E1	Engine No. 37
	93E2	Engine No. 38
	29P1	Unit 29 FCCU Stack
	85B2 **(PSD)**	Unit 40 Boiler Stack **(8/06)**
	40P1	Unit 40 FCCU Stack
	34I1	SRU Incinerator

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
SO_2 SOURCES:		
	43I1 **(PSD)**	SCOT Unit Incinerator
	66FL1	Refinery East HC Flare
	66FL2	Refinery West HC Flare
	66FL3	Refinery Cat Flare
	66FL6	H_2S Emergency Flare
	66FL8	100M Sour Brine Flare Pit
	66FL10	100M Swt Brine Flare Pit
	66FL11	30M Swt Brine Flare Pit
	66FL12	GOHDS HC Flare
	66FL13	GOHDS Emergency Sulfur Flare
	50HT1	Coker Heater Tank 1
	50HT2	Coker Heater Tank 2
	50HT3	Coker Heater Tank 3
	FWP1-5	Fire Water Pump Engines
VOC SOURCES:		
	2H1	Unit 2-2 HDS Charge Heater
	2H2	Deoiler Furnace
	4H1	Unit 4 Feed Heater
	4H2	Unit 4 Dehydrator Heater
	5H1	Unit 5-A Feed Heater
	5H2	Unit 5-B Feed Heater
	5H3	Unit 5-C Feed Heater
	6H3	BHU Reduction Furnace
	6H1	Unit 6 Hydro Preheater
	7H1-4	Unit 7 Charge Furnace
	7H1-4	Unit 7 No. 1 Reheater
	7H1-4	Unit 7 No. 2 Reheater
	7H1-4	Unit 7 No. 3 Reheater

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
VOC SOURCES:		
	9H1	Crude Oil Heater
	10H1	Crude Oil Heater
	12H1	Mol Sieve Regen Gas Heater
	19H3	19.1 Naphtha HDS Chg Heater
	19H5	19.1 No. 1 Reboiler
	19H5	19.1 No. 2 Reboiler
	19H6	19.2 Platformer Reheater No. 1
	19B1/19H1	19.2 Charge Furnace
	19B1/19H2	19.2 No. 2 Reheater
	19B1/19H2	19.2 No. 3 Reheater
	19B2/19H4	19.3 Charge Furnace
	19B2/19H4	19.3 Frac Feed Furnace
	22H1	Alky Reboiler Furnace
	26H1	Unit 26 DeC4 Reboiler
	28H1	Unit 28 Charge Heater
	29H4	Unit 29 DeC4 Reboiler
	36H1	HDS Unit Charge Heater
	40H1	Unit 40 Superheater No. 1
	41H1 **(PSD)**	Unit 41 Reformer Furnace
	42H1 **(PSD)**	Unit 42 Reactor Chg Heater
	42H2 **(PSD)**	Unit 42 Reactor Chg Heater
	42H3 **(PSD)**	Unit 42 Fract Feed Heater
	50H1	Unit 50 Charge Heater
	51H1	Unit 51 Charge Heater
	50HT1	Coker Heater Tank 1
	50HT2	Coker Heater Tank 2
	50HT3	Coker Heater Tank 3
	98H1	Unit 98 Reformer Furnace
	7E1	Unit 7 Plat Engine No. 1

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
VOC SOURCES:		
	7E2	Unit 7 Plat Engine No. 2
	7E3	Unit 7 Plat Engine No. 3
	7E4	Unit 7 Plat Engine No. 4
	7E5	Unit 7 Plat Engine No. 5
	7E6	Unit 7 Plat Engine No. 6
	12E1	Engine
	12E2	Engine
	12E3	Engine
	12E4	Engine
	12E5	Engine
	12E6	Engine
	12E7	Engine
	93E1	Engine No. 37
	93E2	Engine No. 38
	FWP1-5	Fire Water Pump Engines
	53R1	Refinery Tank Car Loading
	53T1	Refy Tank Truck Loading
	53R2	Tank Car Tracks 1 and 2
	53R3	Tank Car Tracks 3 and 4
	53T2	South Tank Truck Loading
	56-4	Truck Loading and Fugitives
	29P1	Unit 29 FCCU Stack
	85B2 **(PSD)**	Unit 40 Boiler **(8/06)**
	40P1	Unit 40 FCCU Stack
	34I1	SRU Incinerator
	43I1 **(PSD)**	SCOT Unit Incinerator
	66FL1	Refinery East HC Flare
	66FL2	Refinery West HC Flare
	66FL3	Refinery Cat Flare

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
VOC SOURCES:		
	66FL6	H_2S Emergency Flare
	66FL8	100M Sour Brine Flare Pit
	66FL10	100M Swt Brine Flare Pit
	66FL11	30M Swt Brine Flare Pit
	66FL12	GOHDS HC Flare
	66FL13	GOHDS Emergency Sulfur Flare
	53FL1	Thermal Oxidation Unit
	F-1	Unit 1 Fugitives
	F-1-6	Unit 1.6 Fugitives
	F-1-7	Unit 1.7 Fugitives
	F-2	Unit 2 Columns
	F-2-1	Unit 2.2 Fugitives
	F-2-5	Fractionators
	F-4	Butane Isom Fugitives
	F-Tier 3	Fugitives - Tier 3 Project
	F-5	Pentane Isom Fugitives
	F-6	Hexane Isom Fugitives
	F-7	Platformer
	F-9	Unit 9 Fugitives
	F-10	Unit 10 Fugitives
	F-11	Deethanizer Unit Fug
	F-12	Cryogenic Gas Plant Fug
	F-13	Clean-Up Unit Fug
	F-19-1	Naphtha HDS Fugitives
	F-19-2	Reformer Fugitives
	F-19-3	Distillate HDS Fugitives
	F-22	HF Alkylation Fugitives
	F-23	St Run Fract Fugitives
	F-26	HO FCCU Fract Fugitives

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
VOC SOURCES:		
	F-28	Unit 28 Fugitives
	F-29	Gas Oil FCCU 29 Fugitives
	F-32	Unit 32 Fugitives
	F-34	Sulfur Recovery Unit Fug
	F-35	Unit 35 Fugitives
	F-36	Unit 36 Fugitives
	F-40	Heavy Oil FCCU Fugitives
	F-40-3	Unit 40 Superheater Fugitives
	F-41	Fugitives
	F-42	GOHDS Unit 42 Fugitives
	F-43-1	Sulfur Handling/Storage
	F-44	Unit 44 Fugitives
	F-50	Unit 50 Fugitives
	F-51	Unit 51 Fugitives
	F-53-1	Refinery Loading Fugitives
	F-53-2	South Loading Rack
	F-55	Air Compressor Fugitives
	F-56	Unit 56 Fugitives
	F-66-1	Ref. Flare Area Fugitives
	F-66-2	South Flare Fug
	F-66-3	GOHDS/Cat Area Fugitives
	F-68-1a	GOHDS Storage Fugitives
	F-68-1e	E. Refinery Storage Fugitives
	F-68-1n	N. Refinery Storage Fugitives
	F-68-1r	Rocky Station Fugitives
	F-68-1s	S. Refinery Storage Fugitives
	F-68-1t	Taubman Yard Fugitives
	F-68-1w	W. Refinery Storage Fugitives
	F-68-2n	N. Coble Storage Fugitives

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
VOC SOURCES:		
	F-68-2s	S. Coble Storage Fugitives
	F-68-3	West Storage Fugitives
	F-68-4t	JTF Fugitives
	F-68-5	Gasoline Blending System
	F-81	Refinery Boilers
	F-82	South Boilers
	F-85-2	Unit 40 Boiler Fugitives
	F-98	SMR Fugitives
	F-68-4a	100M SWT Brine Pond
	F-68-4b	55M SWT Brine Pond
	F-68-4c	100M Sour Brine Pond
	F-68-4d	100M SWT Brine Pond
	F-68-4e	30M SWT Brine Pond
	F-68-4f	300M Sour Brine Pond
	F-68-4g	2MM Brine Pond
	F-68-4h	3MM Brine Pond
	F-54-C10	Cooling Twr (Refy No. 9)
	F-54-C11	Cooling Twr (Refy No. 3)
	F-54-C12	Cooling Twr (Mar No. 12)
	F-54-C13	Cooling Twr (Prt No. 14)
	F-54-C14	Cooling Twr (Mar No. 15)
	F-54-C15	Cooling Twr (Prt No. 16)
	F-54-C16	Cooling Twr (Prt No. 18)
	F-54-C17	Cooling Twr (Refy No. 8)
	F-54-C18	Cooling Twr (Refy No. 13)
	F-54-C19	Cooling Twr (Refy No. 10)
	F-54-C21	Cooling Twr (Vacuum Unit)
	F-54-C2	Cool Twr (Ecodyne No. 9)
	F-54-C20	Cooling Twr (GOHDS No. 17)

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
VOC SOURCES:		
	F-54-C3	Cooling Twr (SF No. 11)
	F-54-C4	Cooling Twr (Mar No. 13)
	F-54-C6	Cooling Twr (Mar No. 10)
	F-54-C7	Cooling Twr (Refy No. 2)
	F-54-C8	Cooling Twr (Refy No. 4)
	F-54-C9	Cooling Twr (Refy No. 7)
	F-56-1-1	West Sump
	F-56-1-3	North Sump
	F-56-1-4-A	Refy Oil/H20 Separators
	F-56-1-6	Storm Water System
	F-56-2	Dixon Creek WWTP
	F-56-1-5	Hazardous Waste Impoundment
	0109	Tank Storage
	0110	Tank Storage
	0111	Tank Storage
	0202	Tank Storage
	0401	Tank Storage
	0511	Tank Storage
	0514	Tank Storage
	0552	Tank Storage
	0562	Tank Storage
	0572	Tank Storage
	0573	Tank Storage
	1001	Tank Storage
	1002	Tank Storage
	1003	Tank Storage
	1006	Tank Storage
	1007	Tank Storage
	1012	Tank Storage

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
VOC SOURCES:		
	1013	Tank Storage
	1064	Tank Storage
	1067	Tank Storage
	1163	Tank Storage
	1164	Tank Storage
	1165	Tank Storage
	1522	Tank Storage
	2072	Tank Storage
	2510	Tank Storage
	2553	Tank Storage
	2571	Tank Storage
	2572	Tank Storage
	2575	Tank Storage
	2576	Tank Storage
	2577	Tank Storage
	2578	Tank Storage
	2579	Tank Storage
	2580	Tank Storage
	2670	Tank Storage
	2672	Tank Storage
	2673	Tank Storage
	2674	Tank Storage
	2675	Tank Storage
	2676	Tank Storage
	2677	Tank Storage
	2678	Tank Storage
	3001	Tank Storage
	3002	Tank Storage
	3003	Tank Storage

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
VOC SOURCES:		
	4030	Tank Storage
	5001SCRUB	Tank Storage
	5505	Tank Storage
	5508	Tank Storage
	5511	Tank Storage
	5520	Tank Storage
	5521	Tank Storage
	5525	Tank Storage
	5531	Tank Storage
	5532	Tank Storage
	5536	Tank Storage
	5537	Tank Storage
	5539	Tank Storage
	5540	Tank Storage
	5541	Tank Storage
	5542	Tank Storage
	5543	Tank Storage
	5544	Tank Storage
	5545	Tank Storage
	5548	Tank Storage
	5550	Tank Storage
	5551	Tank Storage
	5553	Tank Storage
	5554	Tank Storage
	5555	Tank Storage
	5556	Tank Storage
	5557	Tank Storage
	5558	Tank Storage
	5559	Tank Storage

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
VOC SOURCES:		
	5560	Tank Storage
	5578	Tank Storage
	5580	Tank Storage
	5583	Tank Storage
	5584	Tank Storage
	5587	Tank Storage
	5588	Tank Storage
	5589	Tank Storage
	5590	Tank Storage
	5591	Tank Storage
	5592	Tank Storage
	5593	Tank Storage
	5596	Tank Storage
	5597	Tank Storage
	5598	Tank Storage
	5599	Tank Storage
	8001	Tank Storage
	8002	Tank Storage
	8010	Tank Storage
	8011	Tank Storage
	8012	Tank Storage
	8013	Tank Storage
	8014	Tank Storage
	8015	Tank Storage
	8031	Tank Storage
	8032	Tank Storage
	8033	Tank Storage
	8034	Tank Storage
	9200	Tank Storage

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
VOC SOURCES:		
	9201	Tank Storage
	9202	Tank Storage
	9500	Tank Storage
	9501	Tank Storage
	9502	Tank Storage
	9503	Tank Storage
	9504	Tank Storage
	9700	Tank Storage
	9701	Tank Storage
	9702	Tank Storage
NO_x SOURCES:		
	2H1	Unit 2-2 HDS Charge Heater
	2H2	Deoiler Furnace
	4H1	Unit 4 Feed Heater
	4H2	Unit 4 Dehydrator Heater
	5H1	Unit 5-A Feed Heater
	5H2	Unit 5-B Feed Heater
	5H3	Unit 5-C Feed Heater
	6H3	BHU Reduction Furnace
	6H1	Unit 6 Hydro Preheater
	7H1-4	Unit 7 Charge Furnace
	7H1-4	Unit 7 No. 1 Reheater
	7H1-4	Unit 7 No. 2 Reheater
	7H1-4	Unit 7 No. 3 Reheater
	9H1	Crude Oil Heater
	10H1	Crude Oil Heater
	12H1	Mol Sieve Regen Gas Heater
	19H3	19.1 Naphtha HDS Chg Htr

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
NO_x SOURCES:		
	19H5	19.1 No. 1 Reboiler
	19H5	19.1 No. 2 Reboiler
	19B1/19H1	19.2 Charge Furnace
	19H6	19.2 Platformer Reheater No. 1
	19B1/19H2	19.2 No. 2 Reheater
	19B1/19H2	19.2 No. 3 Reheater
	19B2/19H4	19.3 Charge Furnace
	19B2/19H4	19.3 Frac Feed Furnace
	22H1	Alky Reboiler Furnace
	26H1	Unit 26 DeC4 Reboiler
	28H1	Unit 28 Charge Heater
	29H4	Unit 29 DeC4 Reboiler
	36H1	HDS Unit Charge Heater
	40H1	Unit 40 Superheater No. 1
	41H1 **(PSD)**	Unit 41 Reformer Furnace
	42H1 **(PSD)**	Unit 42 Reactor Chg Heater
	42H2 **(PSD)**	Unit 42 Reactor Chg Heater
	42H3 **(PSD)**	Unit 42 Fract Feed Heater
	50H1	Unit 50 Charge Heater
	51H1	Unit 51 Charge Heater
	50HT1	Coker Heater Tank 1
	50HT2	Coker Heater Tank 2
	50HT3	Coker Heater Tank 3
	98H1	Unit 98 Reformer Furnace
	7E1	Unit 7 Plat Engine No. 1
	7E2	Unit 7 Plat Engine No. 2
	7E3	Unit 7 Plat Engine No. 3
	7E4	Unit 7 Plat Engine No. 4
	7E5	Unit 7 Plat Engine No. 5

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
NO_x SOURCES:		
	7E6	Unit 7 Plat Engine No. 6
	12E1	Engine
	12E2	Engine
	12E3	Engine
	12E4	Engine
	12E5	Engine
	12E6	Engine
	12E7	Engine
	93E1	Engine No. 37
	93E2	Engine No. 38
	FWP1-5	Fire Water Pump Engines
	29P1	Unit 29 FCCU Stack
	85B2 **(PSD)**	Unit 40 Boiler **(8/06)**
	40P1	Unit 40 FCCU Stack
	34I1	SRU Incinerator
	43I1 **(PSD)**	SCOT Unit Incinerator
	66FL1	Refinery East HC Flare
	66FL2	Refinery West HC Flare
	66FL3	Refinery Cat Flare
	66FL6	H_2S Emergency Flare
	66FL8	100M Sour Brine Flare Pit
	66FL10	100M Swt Brine Flare Pit
	66FL11	30M Swt Brine Flare Pit
	66FL12	GOHDS HC Flare
	66FL13	GOHDS Emergency Sulfur Flare
CO SOURCES:		
	2H1	Unit 2-2 HDS Charge Htr
	2H2	Deoiler Furnace

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
CO SOURCES:		
	4H1	Unit 4 Feed Heater
	4H2	Unit 4 Dehydrator Heater
	5H1	Unit 5-A Feed Heater
	5H2	Unit 5-B Feed Heater
	5H3	Unit 5-C Feed Heater
	6H3	BHU Reduction Furnace
	6H1	Unit 6 Hydro Preheater
	7H1-4	Unit 7 Charge Furnace
	7H1-4	Unit 7 No. 1 Reheater
	7H1-4	Unit 7 No. 2 Reheater
	7H1-4	Unit 7 No. 3 Reheater
	9H1	Crude Oil Heater
	10H1	Crude Oil Heater
	12H1	Mol Sieve Regen Gas Heater
	19H3	19.1 Naphtha HDS Chg Htr
	19H5	19.1 No. 1 Reboiler
	19H5	19.1 No. 2 Reboiler
	19B1/19H1	19.2 Charge Furnace
	19H6	19.2 Platformer Reheater No. 1
	19B1/19H2	19.2 No. 2 Reheater
	19B1/19H2	19.2 No. 3 Reheater
	19B2/19H4	19.3 Charge Furnace
	19B2/19H4	19.3 Frac Feed Furnace
	22H1	Alky Reboiler Furnace
	26H1	Unit 26 DeC4 Reboiler
	28H1	Unit 28 Charge Heater
	29H4	Unit 29 DeC4 Reboiler
	36H1	HDS Unit Charge Heater
	40H1	Unit 40 Superheater No. 1

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
CO SOURCES:		
	41H1 **(PSD)**	Unit 41 Reformer Furnace
	42H1 **(PSD)**	Unit 42 Reactor Chg Htr
	42H2 **(PSD)**	Unit 42 Reactor Chg Htr
	42H3 **(PSD)**	Unit 42 Fract Feed Heater
	50H1	Unit 50 Charge Heater
	51H1	Unit 51 Charge Heater
	50HT1	Coker Heater Tank 1
	50HT2	Coker Heater Tank 2
	50HT3	Coker Heater Tank 3
	98H1	Unit 98 Reformer Furnace
	7E1	Unit 7 Plat Engine No. 1
	7E2	Unit 7 Plat Engine No. 2
	7E3	Unit 7 Plat Engine No. 3
	7E4	Unit 7 Plat Engine No. 4
	7E5	Unit 7 Plat Engine No. 5
	7E6	Unit 7 Plat Engine No. 6
	12E1	Engine
	12E2	Engine
	12E3	Engine
	12E4	Engine
	12E5	Engine
	12E6	Engine
	12E7	Engine
	93E1	Engine No. 37
	93E2	Engine No. 38
	FWP1-5	Fire Water Pump Engines
	29P1	Unit 29 FCCU Stack
	85B2 **(PSD)**	Unit 40 Boiler **(8/06)**
	40P1	Unit 40 FCCU Stack

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
CO SOURCES:		
	34I1	SRU Incinerator
	43I1 **(PSD)**	SCOT Unit Incinerator
	66FL1	Refinery East HC Flare
	66FL2	Refinery West HC Flare
	66FL3	Refinery Cat Flare
	66FL6	H_2S Emergency Flare
	66FL8	100M Sour Brine Flare Pit
	66FL10	100M Swt Brine Flare Pit
	66FL11	30M Swt Brine Flare Pit
	66FL12	GOHDS HC Flare
	66FL13	GOHDS Emergency Sulfur Flare
PM SOURCES:		
	F-54-C21	Cooling Twr (Vacuum Unit)
	2H1	Unit 2-2 HDS Charge Htr
	2H2	Deoiler Furnace
	4H1	Unit 4 Feed Heater
	4H2	Unit 4 Dehydrator Heater
	5H1	Unit 5-A Feed Heater
	5H2	Unit 5-B Feed Heater
	5H3	Unit 5-C Feed Heater
	6H3	BHU Reduction Furnace
	6H1	Unit 6 Hydro Preheater
	7E1	Unit 7 Plat Engine No. 1
	7E2	Unit 7 Plat Engine No. 2
	7E3	Unit 7 Plat Engine No. 3
	7E4	Unit 7 Plat Engine No. 4
	7E5	Unit 7 Plat Engine No. 5
	7E6	Unit 7 Plat Engine No. 6

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
PM SOURCES:		
	7H1-4	Unit 7 Charge Furnace
	7H1-4	Unit 7 No. 1 Reheater
	7H1-4	Unit 7 No. 2 Reheater
	7H1-4	Unit 7 No. 3 Reheater
	9H1	Crude Oil Heater
	10H1	Crude Oil Heater
	12E1	Engine No. 41
	12E2	Engine No. 42
	12E3	Engine No. 43
	12E4	Engine No. 44
	12E5	Engine No. 45
	12E6	Engine No. 46
	12E7	Engine No. 47
	FWP1-5	Fire Water Pump Engines
	12H1	Mol Sieve Regen Gas Heater
	19H3	19.1 Naphtha HDS Chg Heater
	19H5	19.1 No. 1 Reboiler
	19H5	19.1 No. 2 Reboiler
	19B1/19H1	19.2 Charge Furnace
	19H6	19.2 Platformer Reheater No. 1
	19B1/19H2	19.2 No. 2 Reheater
	19B1/19H2	19.2 No. 3 Reheater
	19B2/19H4	19.3 Charge Furnace
	19B2/19H4	19.3 Frac Feed Furnace
	22H1	Alky Reboiler Furnace
	26H1	Unit 26 DeC4 Reboiler
	28H1	Unit 28 Charge Heater
	29H4	Unit 29 DeC4 Reboiler
	36H1	HDS Unit Charge Heater

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
PM SOURCES:		
	40H1	Unit 40 Superheater No. 1
	41H1 **(PSD)**	Unit 41 Reformer Furnace
	42H1 **(PSD)**	Unit 42 Reactor Chg Heater
	42H2 **(PSD)**	Unit 42 Reactor Chg Heater
	42H3 **(PSD)**	Unit 42 Fract Feed Heater
	50H1	Unit 50 Charge Heater
	51H1	Unit 51 Charge Heater
	50HT1	Coker Heater Tank 1
	50HT2	Coker Heater Tank 2
	50HT3	Coker Heater Tank 3
	98H1	Unit 98 Reformer Furnace
	53R4	Tank Car Track 5
	29P1	Unit 29 FCCU Stack
	85B2 **(PSD)** (4)	Unit 40 Boiler **(8/06)**
	40P1	Unit 40 FCCU Stack
	93E1	Engine No. 37
	93E2	Engine No. 38
	93E4	Engine No. 40
	34I1	SRU Incinerator
	43I1 **(PSD)**	SCOT Unit Incinerator
	KG47	Sulfur Tank
	F-50A	Coke Handling Fugitives
	VF-1030	PAC Silo
	VF-2030	PAC Silo
	0309	Tank Storage
BENZENE SOURCES:		
	66FL1	Refinery East HC Flare
	66FL2	Refinery West HC Flare

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
BENZENE SOURCES:		
	66FL3	Refinery Cat Flare
	66FL6	H_2S Emergency Flare
	66FL8	100M Sour Brine Flare Pit
	66FL10	100M Swt Brine Flare Pit
	66FL11	30M Swt Brine Flare Pit
	66FL12	GOHDS HC Flare
	66FL13	GOHDS Emergency Sulfur Flare
	53T1	Refy Tank Truck Loading
	53R2	Tank Car Tracks 1 and 2
	53R3	Tank Car Tracks 3 and 4
	53T2	South Tank Truck Loading
	F-1	Unit 1 Fugitives
	F-2	Unit 2 Columns
	F-2-1	Unit 2.2 Fugitives
	F-2-5	South Fractionators
	F-5	Pentane Isom Fugitives
	F-6	Hexane Isom Fugitives
	F-7	Platformer
	F-9	Unit 9 Fugitives
	F-10	Unit 10 Fugitives
	F-11	Deethanizer Unit Fug
	F-12	Cryogenic Gas Plant Fug
	F-13	Clean-Up Unit Fug
	F-19-1	Naphtha HDS Fugitives
	F-19-2	Reformer Fugitives
	F-23	St Run Fract Fugitives
	F-26	HO FCCU Fract Fugitives
	F-28	Unit 28 Fugitives
	F-29	Gas Oil FCCU 29 Fugitives

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
BENZENE SOURCES:		
	F-32	Unit 32 Fugitives
	F-40	Heavy Oil FCCU Fugitives
	F-42	GOHDS Unit 42 Fugitives
	F-44	Unit 44 Fugitives
	F-53-1	Refinery Loading Fugitives
	F-53-2	South Loading Rack
	F-54-C2	Cool Twr (Ecodyne No. 9)
	F-54-C3	Cooling Tower (Santa Fe No. 11)
	F-54-C4	Cooling Twr (Mar No. 13)
	F-54-C6	Cooling Twr (Mar No. 10)
	F-54-C7	Cooling Twr (Refy No. 2)
	F-54-C8	Cooling Twr (Refy No. 4)
	F-54-C9	Cooling Twr (Refy No. 7)
	F-54-C10	Cooling Twr (Refy No. 9)
	F-54-C11	Cooling Twr (Refy No. 3)
	F-54-C12	Cooling Twr (Mar No. 12)
	F-54-C13	Cooling Twr (Prt No. 14)
	F-54-C14	Cooling Twr (Mar No. 15)
	F-54-C15	Cooling Twr (Prt No. 16)
	F-54-C16	Cooling Twr (Prt No. 18)
	F-54-C17	Cooling Twr (Refy No. 8)
	F-54-C18	Cooling Twr (Refy No. 13)
	F-54-C19	Cooling Twr (Refy No. 10)
	F-54-C21	Cooling Twr (Vacuum Unit)
	F-54-C20	Cooling Twr (GOHDS No. 17)
	F-56-1-1	West Sump
	F-56-1-3	North Sump
	F-56-1-4-A	Refy Oil/H20 Separators
	F-56-1-6	Storm Water System

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
BENZENE SOURCES:		
	F-56-2	Dixon Creek WWTP
	F-56-1-5	Hazardous Waste Impoundment
	F-56	Unit 56 Fugitives
	F-66-1	Ref. Flare Area Fugitives
	F-66-2	South Flare Fug
	F-66-3	GOHDS/Cat Area Fugitives
	F-68-1a	GOHDS Storage Fugitives
	F-68-1e	E. Refinery Storage Fugitives
	F-68-1n	N. Refinery Storage Fugitives
	F-68-1r	Rocky Station Fugitives
	F-68-1s	S. Refinery Storage Fugitives
	F-68-1t	Taubman Yard Fugitives
	F-68-1w	W. Refinery Storage Fugitives
	F-68-2n	N. Coble Storage Fugitives
	F-68-2s	S. Coble Storage Fugitives
	F-68-3	West Storage Fugitives
	F-68-4t	JTF Fugitives
	F-68-5	Gasoline Blending System
	F-85-2	Unit 40 Boiler Fugitives
	0111	Tank Storage
	0202	Tank Storage
	0401	Tank Storage
	0511	Tank Storage
	0514	Tank Storage
	0562	Tank Storage
	0572	Tank Storage
	0573	Tank Storage
	1001	Tank Storage
	1002	Tank Storage

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
BENZENE SOURCES:		
	1003	Tank Storage
	1006	Tank Storage
	1007	Tank Storage
	1064	Tank Storage
	1163	Tank Storage
	1164	Tank Storage
	1165	Tank Storage
	1522	Tank Storage
	2072	Tank Storage
	2510	Tank Storage
	2553	Tank Storage
	2575	Tank Storage
	2576	Tank Storage
	2577	Tank Storage
	2579	Tank Storage
	2580	Tank Storage
	2673	Tank Storage
	3001	Tank Storage
	3002	Tank Storage
	4030	Tank Storage
	5505	Tank Storage
	5521	Tank Storage
	5532	Tank Storage
	5550	Tank Storage
	5551	Tank Storage
	5553	Tank Storage
	5554	Tank Storage
	5555	Tank Storage
	5556	Tank Storage

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
BENZENE SOURCES:		
	5557	Tank Storage
	5558	Tank Storage
	5559	Tank Storage
	5578	Tank Storage
	5580	Tank Storage
	5583	Tank Storage
	5584	Tank Storage
	5591	Tank Storage
	5597	Tank Storage
	5599	Tank Storage
	8001	Tank Storage
	8002	Tank Storage
	8013	Tank Storage
	8031	Tank Storage
	8032	Tank Storage
	8034	Tank Storage
	9201	Tank Storage
	9500	Tank Storage
	9501	Tank Storage
	9502	Tank Storage
	9503	Tank Storage
H_2S SOURCES:		
	53R4	Tank Car Track 5
	34I1	SRU Incinerator
	43I1	SCOT Unit Incinerator
	66FL1	Refinery East HC Flare
	66FL2	Refinery West HC Flare
	66FL3	Refinery Cat Flare

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
H_2S SOURCES:		
	66FL6	H_2S Emergency Flare
	66FL8	100M Sour Brine Flare Pit
	66FL10	100M Swt Brine Flare Pit
	66FL11	30M Swt Brine Flare Pit
	66FL12	GOHDS HC Flare
	66FL13	GOHDS Emergency Sulfur Flare
	F-1-6	Unit 1.6 Fugitives
	F-2-1	Unit 2 Fugitives
	F-5	Pentane Isom Fugitives
	F-7	Platformer
	F-9	Unit 9 Fugitives
	F-10	Unit 10 Fugitives
	F-11	Deethanizer Unit Fug
	F-12	Cryogenic Gas Plant Fug
	F-19-1	Naphtha HDS Fugitives
	F-19-3	Distillate HDS Fugitives
	F-23	St Run Fract Fugitives
	F-26	HO FCCU Fract Fugitives
	F-28	Unit 28 Fugitives
	F-29	Gas Oil FCCU 29 Fugitives
	F-32	Unit 32 Fugitives
	F-34	Sulfur Recovery Unit Fug
	F-35	Unit 35 Fugitives
	F-36	Unit 36 Fugitives
	F-40	Heavy Oil FCCU Fugitives
	F-40-3	Superheater 40 Fugitives
	F-41	Fugitives
	F-Tier 3	Fugitives - Tier 3 Project
	F-42	GOHDS Unit 42 Fugitives

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
H_2S SOURCES:		
	F-43-1	Sulfur Handling/Storage
	F-44	Fugitives
	F-56-1-4-A	Refy Oil/H20 Separators
	F-56-2	Dixon Creek WWTP
	0309	Tank Storage
	KG47	Tank Storage
	2530	Tank Storage
	3003	Tank Storage
	F-53-1	Refinery Loading Fugitives
	F-53-2	South Loading Rack
	F-66-1	Ref. Flare Area Fugitives
	F-66-2	South Flare Fug
	F-66-3	GOHDS/Cat Area Fugitives
	F-68-1a	GOHDS Storage Fugitives
	F-68-1e	E. Refinery Storage Fugitives
	F-68-1n	N. Refinery Storage Fugitives
	F-68-1r	Rocky Station Fugitives
	F-68-1s	S. Refinery Storage Fugitives
	F-68-1t	Taubman Yard Fugitives
	F-68-1w	W. Refinery Storage Fugitives
	F-68-2n	N. Coble Storage Fugitives
	F-68-2s	S. Coble Storage Fugitives
	F-68-3	West Storage Fugitives
	F-68-4t	JTF Fugitives
	F-68-5	Gasoline Blending System
	F-81	Refinery Boilers
	F-82	South Boilers
	F-85-2	Unit 40 Boiler Fugitives

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
NH_3 SOURCES:		
	F-56-1-4-A	Refy Oil/H2O Separators
	F-56-2	Dixon Creek WWTP
	3003	Tank Storage
	F-29	Gas Oil FCCU 29 Fugitives
	F-32	Unit 32 Fugitives
	F-40	Heavy Oil FCCU Fugitives
	F-42	GOHDS Unit 42 Fugitives
	F-43-1	Sulfur Handling/Storage
	F-44	Fugitives
	F-53-1	Refinery Loading Fugitives
	F-53-2	South Loading Rack
	F-66-1	Ref. Flare Area Fugitives
	F-66-2	South Flare Fug
	F-66-3	GOHDS/Cat Area Fugitives
	F-68-1a	GOHDS Storage Fugitives
	F-68-1e	E. Refinery Storage Fugitives
	F-68-1n	N. Refinery Storage Fugitives
	F-68-1r	Rocky Station Fugitives
	F-68-1s	S. Refinery Storage Fugitives
	F-68-1t	Taubman Yard Fugitives
	F-68-1w	W. Refinery Storage Fugitives
	F-68-2n	N. Coble Storage Fugitives
	F-68-2s	S. Coble Storage Fugitives
	F-68-3	West Storage Fugitives
	F-68-4t	JTF Fugitives
	F-68-5	Gasoline Blending System
	F-85-2	Unit 40 Boiler Fugitives
	F-98	SMR Fugitives
	29P1	Unit 29 FCCU Stack

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
NH_3 SOURCES:		
	40P1	Unit 40 FCCU Stack
HCl SOURCES:		
	66FL1	Refinery East HC Flare
	66FL2	Refinery West HC Flare
	66FL3	Refinery Cat Flare
	66FL8	100M Sour Brine Flare Pit
	66FL11	30M Swt Brine Flare Pit
	66FL12	GOHDS HC Flare
	66FL13	GOHDS Emergency Sulfur Flare
	F-54-C2	Cooling Tower (Ecodyne No. 9)
	F-54-C3	Cooling Tower (Santa Fe No. 11)
	F-54-C4	Cooling Tower (Marley No. 13)
	F-54-C6	Cooling Tower (Marley No. 10)
	F-54-C7	Cooling Tower (No. 2 Refinery)
	F-54-C8	Cooling Tower (No. 4 Refinery)
	F-54-C9	Cooling Tower (No. 7 Refinery)
	F-54-C10	Cooling Tower (No. 9 Refinery)
	F-54-C11	Cooling Tower (No. 3 Refinery)
	F-54-C12	Cooling Tower (Marley No. 12)
	F-54-C13	Cooling Tower (Pritchard No. 14)
	F-54-C14	Cooling Tower (Marley No. 15)
	F-54-C15	Cooling Tower (Pritchard No. 16)
	F-54-C16	Cooling Tower (Pritchard No. 18)
	F-54-C17	Cooling Tower (No. 8 Refinery)
	F-54-C18	Cooling Tower (No. 9 Refinery)
	F-54-C19	Cooling Tower (No. 10 Refinery)
	F-54-C20	Cooling Tower (GOHDS No. 17)
	F-54-C21	Cooling Tower (Vacuum Unit)

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
HCl SOURCES:		
	F-53-1	Refinery Loading Fugitives
	F-53-2	South Loading Rack
	F-66-1	Ref. Flare Area Fugitives
	F-66-2	South Flare Fug
	F-66-3	GOHDS/Cat Area Fugitives
	F-68-1a	GOHDS Storage Fugitives
	F-68-1e	E. Refinery Storage Fugitives
	F-68-1n	N. Refinery Storage Fugitives
	F-68-1r	Rocky Station Fugitives
	F-68-1s	S. Refinery Storage Fugitives
	F-68-1t	Taubman Yard Fugitives
	F-68-1w	W. Refinery Storage Fugitives
	F-68-2n	N. Coble Storage Fugitives
	F-68-2s	S. Coble Storage Fugitives
	F-68-3	West Storage Fugitives
	F-68-4t	JTF Fugitives
	F-68-5	Gasoline Blending System
	F-81	Refinery Boilers
	F-82	South Boilers
	F-85-2	Unit 40 Boiler Fugitives
	F-4	Butane Isom Fugitives
	F-6	Hexane Isom Fugitives
Cl_2 SOURCES:		
	F-54-C2	Cooling Tower (Ecodyne No. 9)
	F-54-C3	Cooling Tower (Santa Fe No. 11)
	F-54-C4	Cooling Tower (Marley No. 13)
	F-54-C6	Cooling Tower (Marley No. 10)
	F-54-C7	Cooling Tower (No. 2 Refinery)

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
Cl_2 SOURCES:		
	F-54-C8	Cooling Tower (No. 4 Refinery)
	F-54-C9	Cooling Tower (No. 7 Refinery)
	F-54-C10	Cooling Tower (No. 9 Refinery)
	F-54-C11	Cooling Tower (No. 3 Refinery)
	F-54-C12	Cooling Tower (Marley No. 12)
	F-54-C13	Cooling Tower (Pritchard No. 14)
	F-54-C14	Cooling Tower (Marley No. 15)
	F-54-C15	Cooling Tower (Pritchard No. 16)
	F-54-C16	Cooling Tower (Pritchard No. 18)
	F-54-C17	Cooling Tower (No. 8 Refinery)
	F-54-C18	Cooling Tower (No. 9 Refinery)
	F-54-C19	Cooling Tower (No. 10 Refinery)
	F-54-C20	Cooling Tower (GOHDS No. 17)
	F-54-C21	Cooling Tower (Vacuum Unit)
HF SOURCES:		
	F-53-1	Refinery Loading Fugitives
	F-53-2	South Loading Rack
	F-66-1	Ref. Flare Area Fugitives
	F-66-2	South Flare Fug
	F-66-3	GOHDS/Cat Area Fugitives
	F-68-1a	GOHDS Storage Fugitives
	F-68-1e	E. Refinery Storage Fugitives
	F-68-1n	N. Refinery Storage Fugitives
	F-68-1r	Rocky Station Fugitives
	F-68-1s	S. Refinery Storage Fugitives
	F-68-1t	Taubman Yard Fugitives
	F-68-1w	W. Refinery Storage Fugitives
	F-68-2n	N. Coble Storage Fugitives

CONTAMINANTS, EMISSION POINT NUMBERS,
AND SOURCE NAMES

Contaminant (3)	Emission Point No. (1)	Source Name (2)
HF SOURCES:		
	F-68-2s	S. Coble Storage Fugitives
	F-68-3	West Storage Fugitives
	F-68-4t	JTF Fugitives
	F-68-5	Gasoline Blending System
	F-81	Refinery Boilers
	F-82	South Boilers
	F-85-2	Unit 40 Boiler Fugitives
	F-22	HF Alkylation Fugitives

CONTAMINANTS, EMISSION POINT NUMBERS, AND SOURCE NAMES

(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) Cl_2 - chlorine
CO - carbon monoxide
HCl - hydrogen chloride
HF - hydrogen fluoride
H_2S - hydrogen sulfide
NH_3 - ammonia
NO_x - total oxides of nitrogen
PM - total particulate matter, suspended in the atmosphere, including PM10 and PM2.5, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including PM2.5, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

Dated: April 8, 2016

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
AIR QUALITY PERMIT

A Permit Is Hereby Issued To
PHILLIPS 66 COMPANY
Authorizing the Construction and Operation of
Borger Refinery
Located at **Borger, Hutchinson County, Texas**
Latitude 35° 41′ 58″ Longitude –101° 21′ 36″

Permits: 85872 and PSDTX1158M1

Amendment Date : September 4, 2015

Expiration Date: December 11, 2019

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 116.116 (30 TAC 116.116)] [1]
2. **Voiding of Permit**. A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1)the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of $5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC 116.120(a), (b) and (c)]
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)(iii)]
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; comply with any additional recordkeeping requirements specified in special conditions attached to the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates**. The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC 116.115(b)(2)(F)] [1]
9. **Maintenance of Emission Control**. The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification for upsets and maintenance 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, regulations, 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 a condition of "air pollution" as defined in Texas Health and Safety Code (THSC) 382.003(3) or violate THSC 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit. [1]

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

Special Conditions

Permit Numbers 85872 and PSDTX1158M1

Emission Standards and Operating Specifications

1. Emission limitations for the boilers are as follows:

   A. Skid Boiler [Emission Point Number (EPN): SKIDBLR]

      (1) Shall be limited to a maximum firing rate of 364.6 million British thermal units per hour (MMBtu/hr) based on the higher heating value of the fuel (HHV).

      (2) Nitrogen Oxides (NO_x) shall not exceed 0.015 pounds per million British thermal units (lb/MMBtu) while firing refinery fuel gas on a 1-hr average except during the periods defined in Special Condition No. 2. **(9/15)**

      (3) NO_x shall not exceed 0.01 lb/MMBtu while firing natural gas on a 1-hr average except during the periods defined in Special Condition No. 2. **(9/15)**

      (4) Carbon Monoxide (CO) shall not exceed, during normal operations (loads greater than or equal to 273.7 MMBtu/hr), 50 parts per million, dry (ppmvd) at 3 percent oxygen (O_2) on a rolling 3-hr average except during the periods defined in Special Condition No. 2. **(9/15)**

      (5) CO shall not exceed, during hot lay-up operations (loads less than 273.7 MMBtu/hr), 100 ppmvd at 3 percent O_2 on a rolling 3-hr average except during the periods defined in Special Condition No. 2. **(9/15)**

   B. Boiler 2.4 (EPN: 81B17)

      (1) Shall be limited to a maximum firing rate of 462.3 MMBtu/hr (HHV).

      (2) Pre-modification

         (a) NO_x shall not exceed 0.115 lb/MMBtu (HHV) or 0.128 lb/MMBtu on the lower heating value (LHV).

         (b) The boiler shall be used only for emergencies or during turnarounds on other steam generators.

      (3) Post-modification **(9/15)**

         (a) NO_x shall not exceed 0.040 lb/MMBtu heat input (HHV) on a 1-hr average except during the periods defined in Special Condition No. 2.

         (b) NO_x shall not exceed, during hot lay-up operations (loads less than 346.7 MMBtu/hr), 0.08 lb/MMBtu on a 1-hr average except during the periods defined in Special Condition No. 2.

         (c) CO shall not exceed 50 ppmvd on a rolling 3-hr average except during the periods defined in Special Condition No. 2.

         (d) CO shall not exceed, during hot lay-up operations (loads less than 346.7 MMBtu/hr), 100 ppmvd at 3 percent O_2 on a rolling 3-hr average except during the periods defined in Special Condition No. 2.

C. Boiler 12 (EPN: BLR12) **(9/15)**

(1) Shall be limited to a maximum firing rate of 560 MMBtu/hr (HHV).

(2) NO_x shall not exceed 0.015 lb/MMBtu on a 1-hr average except during the periods defined in Special Condition No. 2.

(3) CO shall not exceed, during normal operations (loads greater than or equal to 420 MMBtu/hr), 50 ppmvd at 3 percent O_2 on a rolling 3-hr average except during the periods defined in Special Condition No. 2.

(4) CO shall not exceed, during hot lay-up (loads less than 420 MMBtu/hr), 100 ppmvd at 3 percent O_2 on a rolling 3-hr average except during the periods defined in Special Condition No. 2.

2. Maintenance, startup, and shutdown (MSS) and hot standby emissions as defined in this Special Condition, Permit Number No. 80799, and Attachment A are excluded from the limits listed in Special Condition No.1. The emissions from MSS and hot standby shall not exceed the hourly emission rates in the Maximum Allowable Emission Rate Table (MAERT). **(9/15)**

A. Cold starts shall not exceed 14 hours in duration. A cold start is defined as a start-up that occurs when fuel has not been fired in the boiler within the last 8 hours.

B. Warm starts shall not exceed 8 hours in duration. A warm start is any start that is not a cold start.

C. Shutdowns shall not exceed 1 hour in duration.

D. Hot standby is defined as only pilot ignitors in service.

3. During normal operations opacity of emissions from each boiler stack shall not exceed 5 percent averaged over a six-minute period. During MSS operations, the opacity shall not exceed 15 percent averaged over a six-minute period. The permit holder shall demonstrate compliance with this Special Condition in accordance with the following: **(9/15)**

A. Visible emission observations shall be conducted and recorded weekly while the facility is operating, unless the unit is not operating for the entire calendar quarter.

B. Observations shall be made at least 15 feet and no more than 0.25 mile from the emission point(s). Up to three emission points may be read concurrently, provided that all three emission points are within a 70-degree viewing sector or angle in front of the observer such that the proper sun position (at the observer's back) can be maintained for all three emission points. A certified opacity reader is not required for these visible emission observations.

C. Contributions from uncombined water shall not be included in determining compliance with this condition.

D. If visible emissions are observed from the stack(s), then opacity shall be determined and documented with 24 hours for that emission point using Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9.

E. If opacity limits of this Special Condition are exceeded, corrective action to eliminate the source of visible emissions shall be taken promptly and documented within one week of first observation.

Fuel Specifications

4. Fuel for the boilers authorized by this permit may consist of refinery fuel gas or natural gas.

   A. Fuel for Boiler 2.4 (EPN: 81B17) shall not exceed an hydrogen sulfide (H_2S) concentration of 162 ppmv for the short term (3 hour), and 60 ppmv for the annual average. The H_2S concentration in the fuel shall be continuously monitored and recorded according to NSPS, Subpart J requirements.

   B. Fuel for the Skid Boiler and Boiler 12 (EPNs: SKIDBLR and BLR12) shall not exceed an H_2S concentration of 162 ppmv for the short term (3 hour), and 60 ppmv for the annual average. The H_2S concentration in the fuel shall be continuously monitored and recorded according to NSPS, Subpart Ja requirements. **(9/15)**

Anhydrous Ammonia (NH_3) Storage, Handling, and Safety

5. Emissions of ammonia (NH_3) from any boiler using NH_3 control technology shall meet the following requirements:

   A. NH_3 emissions shall not exceed 10 ppmvd corrected to 3 percent O_2. When using the Stain Tube Method of measurement as authorized in Special Condition 6C, an equivalent ammonia concentration of 12.85 ppmvd at an O_2 percent not to exceed 7 percent shall be the compliance limit. If either the concentration or the percent O_2 is greater than 12.85 and 7 percent, respectively, compliance must be determined using 10 ppmvd corrected to 3 percent O_2.

   B. Any storage tanks, piping, or other equipment necessary to supply NH_3 to the SCR and their associated fugitives are authorized. Audio, olfactory, and visual checks for NH_3 leaks within the operating area shall be made at least once per day.

   C. Unless the site has undergone the appropriate review under 40 CFR Part 68, Chemical Accident Prevention Provisions, or the NH_3 kept on site is an amount less than the threshold values in 40 CFR § 68.130, List of Substances, only aqueous NH_3 no greater than 20 percent concentration by volume shall be stored on site.

6. One of the following NH_3 monitoring procedures shall be used to demonstrate compliance with the NH_3 emission limit in Special Condition No. 5 for the Skid Boiler (EPN: SKIDBLR) and Boiler 12 (EPN: BLR12). **(9/15)**

   A. Mass balance-Calculate NH_3 emissions as the difference between the input NH_3, measured by the NH_3 injection rate, and the NH_3 reacted, measured by the

differential NO_x upstream and downstream of the control device which injects urea or NH_3 into the exhaust stream. The equation is:

$NH_3 = [(1.71) \times (a/b) \times (106) - c] \times d$

Where:

NH_3 = NH_3 concentration on a dry basis in ppmv at 3 percent O_2

a = NH_3 injection rate in lb/hr

b = dry exhaust flow rate in lb/hr

c = change in measured NO_x concentration across catalyst in ppmv at 3 percent O_2

d = correction factor, the ratio of measured slip to calculated NH_3 slip, where the measured slip is obtained from the stack sampling for NH_3 required by Special Condition No. 11, using either the Phenol-Nitroprusside Method, the Indophenol Method, or EPA Conditional Test Method 27.

B. Oxidation of NH_3 to nitric oxide (NO)-Convert NH_3 to NO using molybdenum oxidizer and measure NH_3 slip by difference using a NO analyzer. The NO analyzer shall be quality-assured in accordance with manufacturer's specifications and with a quarterly CGA with a ten ppmv reference sample of NH_3 passed through the probe and confirming monitor response to within ± 2.0 ppmv.

C. Stain tubes-Measure NH_3 using a sorbent or stain tube device specific for NH_3 measurement that is capable of providing a reading within the 5.0 to 13.0 ppmv range. The frequency of sorbent or stain tube testing shall be daily for the first 60 days of operation, after which the frequency may be reduced to weekly testing if operating procedures have been developed to prevent excess amounts of NH_3 from being introduced in the control device and when operation of the control device has been proven successful with regard to controlling NH_3 slip. Daily sorbent or stain tube testing shall resume when the catalyst is within 30 days of its useful life expectancy. Every effort shall be made to take at least one weekly sample near the normal highest NH_3 injection rate.

D. Other methods-Monitor NH_3 using another continuous emission monitor system (CEMS) or predictive emissions monitoring system procedure subject to prior approval of the executive director. For purposes of this paragraph, the executive director is the TCEQ Regional Director.

7. Storage and Handling

A. This permit allows for the construction of one 12,000-gallon NH_3 storage tank, Tank No.TK-SKIDAM.

B. The tanks shall be located within:

(1) a physical barrier to vehicular traffic; and

(2) a containment system which is capable of holding the entire volume of material stored.

C. Tanks shall be vapor balanced to the transport vessel during all tank filling operations. The vapor return line shall be purged back to either the transport vessel or the storage tank after every tank loading operation and prior to disconnection of the line. Interlocks shall be installed so that the unloading pump will not run unless the vapor return line to the transport vessel is connected.

D. All block valves, check valves, shutoff valves, pressure relief valves, and connectors associated with anhydrous NH_3 shall be properly maintained and functioning at all times.

8. Fugitive Emission Monitoring Program

A. Piping, Valves, Pumps, and Compressors in NH_3 Service

(1) All operating practices and procedures relating to the handling and storage of anhydrous NH_3 shall conform to the safety recommendations specified for that compound by guidelines of the American National Standards Institute and the Compressed Gas Association.

(2) Audio, olfactory, and visual checks for NH_3 leaks within the operating area shall be made every 12 hours when the plant is in operation. An NH_3 leak shall be defined as any dripping or exuding of any liquid or gas as detected by sight, smell, or sound from any equipment. Records showing that the individual components are being checked for leaks shall be maintained at the facility. The records shall include the date and time of inspections, inspector identification, number of leaks detected, an identification of the leaking component, and the date and time of leak repair.

(3) Immediately, but no later than one-hour upon detection of a leak, plant personnel shall take the following actions:

(a) Isolate the leak.

(b) Commence repair or replacement of the leaking component.

(c) If leak cannot be repaired within six hours, the holder of this permit shall use a leak collection or containment system that minimizes emissions to the atmosphere to control or prevent the leak until repair or replacement can be accomplished.

(4) Records shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be made available upon request to representatives of the TCEQ.

B. A water spray or fog system shall be installed to minimize NH_3 emissions in the event of a release or rupture of the tank.

Piping, Valves, Flanges, Pumps and Compressors in VOC Service (28VHP)

9. Except as may be provided for in the special conditions of this permit, the following requirements apply to the above-referenced equipment:

   A. These conditions shall not apply

      (1) where the Volatile Organic Compound (VOC) has an aggregate partial pressure or vapor pressure of less than 0.044 pounds per square inch, absolute (psia) at 68°F; or

      (2) where operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list or by one of the methods described below to be made readily available upon request.

      (3) The exempted components may be identified by one or more of the following methods:

         (a) piping and instrumentation diagram (PID); or

         (b) a written or electronic database.

   B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.

   C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.

   D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), shall be identified in a list to be made readily available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in subparagraph A above. If an unsafe-to-monitor component is not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe-to-monitor times. A difficult-to-monitor component for which quarterly monitoring is specified may instead be monitored annually.

   E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through. **(9/15)**

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 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 line or valve must have a cap, blind flange, plug, or second valve installed. **(9/15)**

F. Accessible valves shall be monitored by leak-checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. 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 weekly and recorded in the unit log.

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

Replacements for leaking components shall be re-monitored within 15 days of being placed back into VOC service.

G. Except as may be provided for in the special conditions of this permit, all pump, compressor, and agitator seals shall be monitored with an approved gas analyzer at least quarterly or be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. Seal systems designed and operated to prevent emissions or seals equipped with an automatic seal failure detection and alarm system need not be monitored. These seal systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.

H. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. Damaged or leaking pump, compressor, and agitator seals found to be emitting VOC in excess of

2,000 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days. Records of the first attempt to repair shall be maintained.

I. Every reasonable effort shall be made to repair a leaking component, as specified in this paragraph, within 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging within 15 days of the detection of the leak.

J. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall indicate dates and times, test methods, and instrument readings. Records of physical inspections shall be noted in the operator's log or equivalent.

K. Alternative monitoring frequency schedules of 30 TAC §§ 115.352 - 115.359 or National Emission Standards for Organic Hazardous Air Pollutants, 40 CFR Part 63, Subpart H, may be used in lieu of Items F through G of this condition.

L. Compliance with the requirements of this condition does not assure compliance with requirements of 30 TAC Chapter 115, an applicable New Source Performance Standard (NSPS), or an applicable National Emission Standard for Hazardous Air Pollutants (NESHAPS) and does not constitute approval of alternative standards for these regulations.

Federal Applicability

10. These facilities shall comply with applicable requirements of the EPA regulations on Standards of Performance for New Stationary Sources, Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60):

    A. Subpart A: General Conditions.

    B. Subpart Db: Standards of Performance for Industrial-Commercial-Intuitional Steam Generating Units. (Skid Boiler and Boiler 12)

    C. Subpart J: Standards of Performance for Petroleum Refineries. (Boiler 2.4)

    D. Subpart Ja: Standards of Performance for Petroleum Refineries for which construction, reconstruction, or modification commenced after May 14, 2007. (Skid Boiler and Boiler 12) **(9/15)**

11. The boilers authorized by this permit shall comply with applicable requirements of the EPA regulations on National Emission Standards for Hazardous Air Pollutants (HAPs) for Source Categories, 40 CFR Part 63: **(9/15)**

    A. Subpart A: General Provisions.

B. Subpart DDDDD: National Emission Standards for HAPs for Industry, Commercial, and Institutional Boilers and Process Heaters

Initial Determination of Compliance

12. Sampling ports and platform(s) shall be incorporated into the design of the stack according to the specifications set forth in Chapter 2 of the TCEQ guidance document entitled "Sampling Procedures Manual." Alternate sampling facility designs may be submitted for approval to the TCEQ Regional Director.

13. 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 boilers (EPNs: SKIDBLR, 81B17, and BLR12). The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his or her expenses. **(9/15)**

    A. The appropriate TCEQ Regional Office and local air pollution control agencies having jurisdiction 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) the date for pretest meeting;

    (2) the date sampling will occur;

    (3) the name of firm conducting sampling;

    (4) the type of sampling equipment to be used; and

    (5) the method or procedure to be used in sampling.

    A written proposed description of any deviation from sampling procedures specified in permit conditions or the TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The appropriate 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 Permitting and Registration, Air Permits Division. Test waivers and alternate or equivalent procedure proposals for testing under 40 CFR Part 60, Standards of Performance for New Stationary Sources, which must have the EPA approval shall be submitted to the TCEQ Air Permits Division.

    B. Air contaminants emitted from boilers (EPNs: SKIDBLR, 81B17, and BLR12) to be tested at maximum heat input include, but are not limited to, NO_x, CO, O_2, and NH_3, if applicable. If fuel gas will be used, the boiler must fire the maximum percentage of the non-natural gas part of the fuel gas intended during normal operation for this test. Future increases in the percentage of fuel gas in the boiler fuel or significant changes in fuel gas composition will require approval of the appropriate TCEQ Regional Director and could include retesting under this condition.

14. Sampling shall occur within 180 days after installation or modification of the boiler. Requests for additional time to perform sampling shall be submitted to the appropriate TCEQ Regional Office. Additional time to comply with the applicable requirements of 40 CFR Part 60 requires EPA approval, and requests shall be submitted to the TCEQ Regional Director.

15. Copies of the final sampling report shall be submitted to the appropriate TCEQ Regional Office and any local air pollution control agencies having jurisdiction within 60 days after sampling is completed. Sampling reports shall comply with the provisions of Chapter 14 of the TCEQ "Sampling Procedures Manual."

Continuous Determination of Compliance

16. The holder of this permit shall install, calibrate, maintain, and operate a CEMS to determine the in-stack concentration of NO_x and CO for the following :

    A. Skid Boiler (EPN: SKIDBLR) and Boiler 12 (EPN: BLR12). **(9/15)**

    B. Boiler 2.4 (EPN: 81B17), contingent upon project completion. **(9/15)**

17. CEMS requirements. The owner or operator of any CEMS must comply with the following:

    A. The CEMS shall meet the requirements of 40 CFR Part 60 as follows:

        (1) Section 60.13, Monitoring Requirements;

        (2) Appendix B, Performance Specifications:

            (a) Performance Specification 2, for NO_x in terms of lb/MMBtu. An alternative relative accuracy requirement of ± 2.0 ppmv from the reference method mean value is allowed;

            (b) Performance Specification 3, for diluent; and

            (c) Performance Specification 4, for CO, for owners or operators required to use a CO CEMS.

        (3) Appendix F, Quality Assurance Procedures:

            For boilers with a heat input of 250 MMBtu/hr or greater, conduct audits for NO_x, CO, and diluent analyzers in accordance with § 5.1 of Appendix F. There shall be a verbal notification to the appropriate TCEQ Regional Office of the date of any CEMS RATA at least 15 days prior to such date followed by written notification within 15 days after testing is completed.

    B. Monitor diluent, either O_2 or carbon dioxide.

C. Sharing of CEMS.

(1) One CEMS may be shared among units, provided:

(a) the exhaust stream of each stack is analyzed separately; and

(b) the CEMS meets the certification requirements of Paragraph a. for each stack while the CEMS is operating in the time-shared mode.

(2) Exhaust streams of units which vent to a common stack do not need to be analyzed separately.

D. If subject to 40 CFR Part 75, Continuous Emission Monitoring, as an alternative to Paragraph a., an owner or operator may choose to comply with the CEMS requirements of 40 CFR Part 75.

E. The owner or operator shall use one of the following methods to provide substitute emissions compliance data during periods when the NO_x CEMS is off-line:

(1) use the missing data procedures specified in 40 CFR Part 75, Subpart D, Missing Data Substitution Procedures; or

(2) use the maximum block one-hour emission rate as measured during the initial demonstration of compliance.

Maintenance (9/15)

18. Compliance with the emissions limits for planned maintenance activities for EPNs: SKIDBLR, 81B17, BLR12, and MSSFUG identified in Attachment A may be demonstrated as follows.

A. For each pollutant emitted during planned maintenance activities whose emissions are measured using a CEMS, the permit holder shall for each calendar month compare the pollutant's short-term (hourly) emissions as measured by the CEMS to the applicable short-term planned MSS emissions limit in the MAERT.

B. For each pollutant emitted during planned maintenance activities whose emissions occur through a stack the permit holder shall for each calendar month determine the total emissions of the pollutant.

C. Sum all emissions from planned maintenance activities on a 12-month rolling basis for each EPN to show compliance with the MAERT.

Recordkeeping Requirements

19. The following records shall be kept at the plant for the life of the permit. All records required in this permit shall be made available at the request of personnel from the TCEQ, EPA, or any air pollution control agency with jurisdiction.

A. A copy of this permit.

B. Permit application dated August 8, 2008, and subsequent representations submitted to the TCEQ.

20. The following information shall be maintained by the holder of this permit in a form suitable for inspection for a period of five years after collection and shall be made immediately available upon request to representatives of the TCEQ, EPA, or any local air pollution control program having jurisdiction:

A. A complete copy of the testing reports and records of the initial performance testing completed pursuant to Special Condition No. 13 to demonstrate initial compliance.

B. Stack sampling results or other air emissions testing (other than CEMS data) that may be conducted on units authorized under this permit after the date of issuance of this permit.

C. The NO_x, CO, and diluent gases, such as O_2 CEMS emissions data to demonstrate compliance with the emission rates listed in the MAERT.

D. Raw data files of all CEMS data including calibration checks and adjustments and maintenance performed on these systems.

E. Records of the hours of operation of the boilers.

F. Records of NH_3 emissions sampling and calculations pursuant to Special Condition No. 6.

G. Written records of any accidental releases, spills, or venting of NH_3 and the corrective action taken.

H. Written records of maintenance performed to any piping and valves in NH_3 service pursuant to Special Condition No. 8.

I. Records to identify the times when emissions data have been excluded from the calculation of the performance standards in Special Condition No. 1 because of startup and shutdown activities.

J. Startup and shutdown records: Hourly records shall be made of startup and/or shutdown events. These records shall include (but are not limited to) the following: type of fuel burned; quantity of each type of fuel burned; emissions from the event; and the date, time, and duration of the event.

K. Written records of audio, olfactory, and visual checks.

L. Records of visible emissions observations, opacity readings, and any corrective action taken to demonstrate compliance with Special Condition No. 3. **(9/15)**

M. Records of natural gas and refinery fuel usage and the sulfur content according to the fuel suppliers for the boilers to show compliance with Special Condition No. 4.

N. Records of maintenance activities and calculations as required by Special Condition No. 18. **(9/15)**

Reporting

21. The holder of this permit shall submit to the TCEQ Amarillo Regional Office and the Air Enforcement Branch of the EPA in Dallas excess emission and monitoring system reports as described in 40 CFR § 60.7 on a semiannual basis. Such reports are required for each emission unit which is required to be continuously monitored pursuant to this permit.

Date: September 4, 2015

Permit Numbers 85872 and PSDTX1158M1

Attachment A

Planned Maintenance Activities							
Activity	EPN	Emissions					
		NO_x	CO	VOC	PM	SO_2	NH_3
Combustion Optimization[1]	SKIDBLR 81B17 BLR12	X	X	X	X	X	X
Boiler General Maintenance[2]	MSSFUG				X		
Catalyst Handling and Maintenance[3]	MSSFUG				X		
Gaseous fuel venting[4]	MSSFUG			X			
Inspection, repair, replacement, adjusting, testing, and calibration of analytical equipment, process instruments including sight glasses, meters, gauges, CEMS, PEMS.	MSSFUG	X	X	X	X	X	
Small equipment and fugitive component repair/replacement in VOC and NH_3 service[5]	MSSFUG			X	X		X

Date: September 4, 2015

[1] Includes, but is not limited to, (i) leak and operability checks (e.g., turbine over-speed tests, troubleshooting), (ii) balancing, and (iii) tuning activities that occur during seasonal tuning or after the completion of initial construction, a combustor change-out, a major repair, maintenance to a combustor, or other similar circumstances

[2] Includes pre-heater basket handling and maintenance, refractory change-out, fan maintenance and balancing, damper, air heater, and soot blower maintenance, and any other general boiler maintenance that does not exceed the worst-case emissions representation in the application.

[3] Includes, but is not limited to, replacement, cleaning, activation, and deactivation of SCR and oxidation catalysts.

[4] Includes, but is not limited to: venting prior to pipeline pigging, and meter proving.

[5] Includes, but is not limited to, (i) repair/replacement of pumps, compressors, valves, pipes, flanges, transport lines, filters and screens in natural gas, fuel oil, diesel oil, ammonia, lube oil, and gasoline service, (ii) vehicle and mobile equipment maintenance that may involve small VOC emissions, such as oil changes, transmission service, and hydraulic system service, and (iii) off-line NOx control device maintenance (including maintenance of the anhydrous ammonia systems and aqueous ammonia systems associated with SCR systems and SNCR systems)

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 85872 and PSDTX1158M1

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
SKIDBLR	Skid Boiler (5)	NO_x	5.47	25.33
		NO_x (MSS)	38.28	-
		CO	22.98	109.53
		CO (MSS)	269.11	-
		VOC	1.97	8.61
		PM	2.72	11.90
		PM_{10}	2.72	11.90
		$PM_{2.5}$	2.72	11.90
		SO_2	12.57	20.65
		NH_3	2.80	12.26
81B17	Boiler 2.4 Pre-modification	NO_x	53.24	71.50
		CO	23.12	31.04
		VOC	2.49	3.35
		PM_{10}	3.44	4.63
		$PM_{2.5}$	3.44	4.63
		SO_2	14.43	7.27

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
81B17	Boiler 2.4 (5) Post-modification	NO_x	18.49	82.35
		NO_x (MSS)	48.54	-
		CO	29.14	139.45
		CO (MSS)	291.43	-
		VOC	2.49	10.92
		PM	3.44	15.09
		PM_{10}	3.44	15.09
		$PM_{2.5}$	3.44	15.09
		SO_2	15.94	26.19
BLR12	Boiler 12 (5)	NO_x	8.40	38.61
		NO_x (MSS)	58.80	-
		CO	35.30	166.06
		CO (MSS)	353.02	-
		VOC	3.02	13.23
		PM	4.17	18.28
		PM_{10}	4.17	18.28
		$PM_{2.5}$	4.17	18.28
		SO_2	19.31	31.72
		NH_3	4.29	18.80
FUG	Boiler Fugitives (6)	VOC	0.09	0.41
		NH_3	0.12	0.50

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
MSSFUG	Planned Maintenance Activities (6)	NO_x	<0.01	<0.01
		CO	<0.01	<0.01
		VOC	14.58	0.55
		PM_{10}	0.16	0.02
		$PM_{2.5}$	0.16	0.02
		SO_2	<0.01	<0.01
		NH_3	<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) NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
SO_2 - sulfur dioxide
NH_3 - ammonia
MSS - maintenance, startup, and shutdown
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period. Annual emission rates include emission from MSS.
(5) Planned MSS for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS that pollutant's maximum hourly emission rate shall apply during that clock hour.
(6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: September 4, 2015

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
AIR QUALITY PERMIT

A Permit Is Hereby Issued To
PHILLIPS 66 COMPANY
Authorizing the Construction and Operation of
Borger Refinery
Located at **Borger, Hutchinson County, Texas**
Latitude 35° 41′ 58″ Longitude –101° 21′ 36″

Permit: GHGPSDTX130

Issuance Date : September 4, 2015

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 116.116 (30 TAC 116.116)] [1]
2. **Voiding of Permit**. A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1)the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of $5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC 116.120(a), (b) and (c)]
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)(iii)]
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; comply with any additional recordkeeping requirements specified in special conditions attached to the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates**. The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC 116.115(b)(2)(F)] [1]
9. **Maintenance of Emission Control**. The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification for upsets and maintenance 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, regulations, 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 a condition of "air pollution" as defined in Texas Health and Safety Code (THSC) 382.003(3) or violate THSC 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit. [1]

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

Special Conditions

Permit Number GHGPSDTX130

1. This permit covers only those sources of emissions listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates" (MAERT), and those sources are limited to the emission limits and other conditions specified in the attached table. The annual rates are based on a rolling 12-month period. This permit authorizes planned maintenance, startup, and shutdown (MSS) activities which comply with the emission limits in the MAERT.

Emission Standards and Operating Specifications

2. Emission limitations for the boilers are as follows:

   A. Skid Boiler [Emission Point Number (EPN): SKIDBLR] shall be limited to the following:

      (1) A maximum firing rate of 364.6 million British thermal units per hour (MMBtu/hr) based on the higher heating value (HHV) of the fuel.

      (2) On a 12-month rolling average meet 130 pounds of carbon dioxide per MMBtu (lb CO_2/MMBtu) based on the HHV of the fuel, for all operational periods.

   B. Boiler 2.4 (EPN: 81B17) shall be limited to the following:

      (1) A maximum firing rate of 462.3 MMBtu/hr based on the HHV of the fuel.

      (2) On a 12-month rolling average meet 130 lb CO_2/MMBtu based on the HHV of the fuel, for all operational periods.

   C. Boiler 12 (EPN: BLR12) shall be limited to the following:

      (1) A maximum firing rate of 560 MMBtu/hr based on the HHV of the fuel.

      (2) On a 12-monthly rolling average meet 130 lb CO_2/MMBtu based on the HHV of the fuel, for all operational periods.

   D. If construction of the physical modifications to Boiler 2.4 and Skid Boiler does not commence within the timeframes identified in 30 TAC § 116.120 and 40 CFR § 52.21(r)(2), authorization to physically modify Boiler 2.4 and Skid Boiler, as described in the application dated August 15, 2014 to amend New Source Review (NSR) Air Permit No. 85872, shall be void. In this case, the associated emission limitations for the modifications to Boiler 2.4 and Skid Boiler in this Permit No. GHGPSDTX130, including the permit representations, special conditions, and the MAERT, shall also be void.

Fuel Specifications

3. Fuel for the boilers authorized by this permit may consist of refinery fuel gas, natural gas, or a blend of the two fuels.

Fugitives

4. Piping and valves in fuel gas service shall be monitored for equipment leaks under TCEQ NSR Air Permit No. 85872.

Maintenance

5. The Borger Refinery (EPNs: SKIDBLR, 81B17, and BLR12) is authorized a total annual blowdown of volume of gas not to exceed 415,922 standard cubic feet per year.

Initial Demonstration of Compliance

6. The permit holder shall demonstrate that CO_2 emissions from the boilers are consistent with the emission limits of this permit by using data from the first thirty days of boiler operations following construction of Boiler 12 and the modifications of the Skid Boiler and Boiler 2.4. For each boiler, within 45 days after collecting the data, the permit holder shall submit a report to the region identifying whether the data causes any concern regarding the permit holder's ability to comply with the applicable limitations.

Continuous Demonstration of Compliance

7. The HHV of the fuel fired in the boiler shall be determined monthly per 40 CFR § 98.33(a)(2)(ii)(A).

8. The carbon content of the fuels shall be obtained by testing per 40 CFR § 98.34(b)(3).

9. The permit holder shall install, calibrate, maintain, and operate continuous monitoring systems to monitor and record the average hourly fuel gas consumption of each boiler. The flow meters shall be calibrated in accordance with 40 CFR 98.34(b)(1).

Calculation Methodology

10. Calculations of emissions of CO_2, methane (CH_4), and nitrous oxide (N_2O) to determine compliance with the MAERT CO_2e emission limitation shall be calculated in the following manner by the end of the current month for the previous rolling 12-month basis.

    A. Any referenced methodology of 40 CFR Part 98 is modified as follows:

        (1) References to annual measurements are to be construed as a rolling 12-month total if the variable is measured on a monthly or more frequent basis.

        (2) References to annual measurements that are not measured at a frequency greater than one month (e.g. quarterly or semiannual) are to be construed as the average of the most recent measurements based on a rolling twelve month period (e.g. average of 4 quarterly or 2 semiannual).

B. For the Boilers (EPNs: SKIDBLR, 81B17, and BLR12)

(1) Use the rolling 12-month total fuel flow rate.

(2) Use the methodology in 40 CFR § 98.33(a)(3)(iii) (Equation C-5) with CO_2 converted to short tons. In Equation C-5, the carbon content is determined using 40 CFR 98.34(b)(4) at the frequency specified in 40 CFR 98.34(b)(3).

(3) Use the default CH_4 and N_2O emission factors contained in Table C-2 and Equation C-9a of 40 CFR Part 98, and

C. Fugitive Equipment Leaks (EPN: FUG)

(1) Use the methodology in 40 CFR § 98.253(l) with CH_4 converted to short tons.

D. The permit holder shall calculate the CO_2e emissions on a 12-month rolling basis, based on the procedures and Global Warming Potentials (GWP) contained in Greenhouse Gas Regulations, 40 CFR Part 98, Subpart A, Table A-1, as published on November 29, 2013 (78 FR 71904).

Recordkeeping Requirements

11. The following records shall be kept at the plant for the life of the permit. All records required in this permit shall be made available at the request of personnel from the TCEQ, EPA, or any air pollution control agency with jurisdiction.

A. A copy of this permit.

B. Permit application dated January 14, 2015, and subsequent representations submitted to the TCEQ.

12. The following information shall be maintained by the holder of this permit in a form suitable for inspection for a period of five years after collection and shall be made immediately available upon request to representatives of the TCEQ, EPA, or any local air pollution control program having jurisdiction:

A. Records of the hours of operation for each boiler.

B. Records of HHV and carbon content of the fuel.

C. Records of fuel usage on an hourly and 12-month rolling average for each boiler.

D. Records of parameters used in calculations and the calculations required to show compliance with the emission rate limits listed in the MAERT.

Date: September 4, 2015

Emission Sources - Maximum Allowable Emission Rates

Permit Number GHGPSDTX130

This table lists the maximum allowable emission rates of greenhouse gas (GHG) emissions, as defined in Title 30 Texas Administrative Code § 101.1, for sources of air contaminants on the applicant's property authorized by this permit. Any proposed increase in emission rates may require an application for a modification of the facilities authorized by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
SKIDBLR	Skid Boiler	N_2O (5)	2
		CH_4 (5)	10
		CO_2 (5)	188,441
		CO_2e	189,251
81B17	Boiler 2.4	N_2O (5)	2
		CH_4 (5)	12
		CO_2 (5)	238,938
		CO_2e	239,963
BLR12	Boiler 12	N_2O (5)	3
		CH_4 (5)	15
		CO_2 (5)	289,430
		CO_2e	290,675
FUG	Boiler Fugitives (6)	CH_4 (5)	8
		CO_2e	192
MSSFUG	Planned Maintenance Activities (6)	CH_4 (5)	1
		CO_2e	19

(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) CH_4 - methane
CO_2 - carbon dioxide
CO_2e - carbon dioxide equivalents based on the following Global Warming Potentials (11/2014): CO_2 (1), N_2O (298), CH_4 (25), and SF_6 (22,800).

Emission Sources - Maximum Allowable Emission Rates

N_2O - nitrous oxide

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

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

(6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: September 4, 2015