

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
DCP Midstream, LP

AUTHORIZING THE OPERATION OF
Gulf Plains Gas Plant
Natural Gas Liquids

LOCATED AT
Nueces County, Texas
Latitude 27° 41' 10" Longitude 97° 54' 8"
Regulated Entity Number: RN102557931

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: O2590 Issuance Date: _____

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 HH, ZZZZ or DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.390, § 113.1090, or § 113.1130 which incorporates the 40 CFR Part 63 Subpart 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. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

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

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

5. 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)
- 6. 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.
- 7. For oil and natural gas production facilities as specified in 40 CFR Part 63, Subpart HH, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.390 incorporated by reference):
 - A. Title 40 CFR § 63.760(a)(1)(i) - (iii) (relating to Applicability and Designation of Affected Source)
 - B. Title 40 CFR § 63.775(d)(9) (relating to Reporting Requirements)
- 8. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

- 9. 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 either of the following requirements for any capture system associated with the VOC control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions:
 - (i) Once a year the permit holder shall inspect the capture system in compliance of CAM for leaks in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppm above background or as defined by the underlying applicable requirement; or
 - (ii) Once a month, the permit holder shall conduct a visual, audible, and/or olfactory inspection of the capture system in compliance of CAM to detect leaking components.
 - F. 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.
10. 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

11. 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, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
12. 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.
13. 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).
14. 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 § 116.620 for Installation and/or Modification of Oil and Gas Facilities based on the information contained in the registration application.

Compliance Requirements

15. 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.
16. 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)

Permit Location

17. 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)

18. 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 Summary13

Applicable Requirements Summary17

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 |
|-------------------------------|---|--------------------------|---------------|----------------------------------|-------------------------|
| 1103 | BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS | N/A | 60DC-002 | 40 CFR Part 60, Subpart Dc | No changing attributes. |
| 1103 | BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS | N/A | 63DDDDD-001 | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| 111A | STATIONARY TURBINES | N/A | 60GG-001 | 40 CFR Part 60, Subpart GG | No changing attributes. |
| 112B | STATIONARY TURBINES | N/A | 60GG-005 | 40 CFR Part 60, Subpart GG | No changing attributes. |
| 113 | STATIONARY TURBINES | N/A | 60GG-003 | 40 CFR Part 60, Subpart GG | No changing attributes. |
| 114 | SRIC ENGINES | N/A | 63ZZZZ-001 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 115 | SRIC ENGINES | N/A | 63ZZZZ-001 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 116A | SRIC ENGINES | N/A | 63ZZZZ-001 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 117 | SRIC ENGINES | N/A | 63ZZZZ-001 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 118 | SRIC ENGINES | N/A | 63ZZZZ-001 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 119B | SRIC ENGINES | N/A | 63ZZZZ-001 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 120 | STATIONARY | N/A | 60GG-004 | 40 CFR Part 60, Subpart | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|---|--------------------------|---------------|--|-------------------------|
| | TURBINES | | | GG | |
| 125A | SRIC ENGINES | N/A | 60JJJJ-001 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| 125A | SRIC ENGINES | N/A | 63ZZZZ-001 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 130B | SRIC ENGINES | N/A | 63ZZZZ-001 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 132 | SRIC ENGINES | N/A | 63ZZZZ-001 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| 170A | STATIONARY TURBINES | N/A | 60GG-003 | 40 CFR Part 60, Subpart GG | No changing attributes. |
| 202 | BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS | N/A | 60DC-001 | 40 CFR Part 60, Subpart Dc | No changing attributes. |
| 202 | BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS | N/A | 63DDDDD-001 | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| AST-813A | STORAGE TANKS/VESSELS | N/A | R5112-001 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| BUT-LOAD | LOADING/UNLOADING OPERATIONS | N/A | R5211-L1 | 30 TAC Chapter 115, Loading and Unloading of VOC | No changing attributes. |
| FLARE-1 | FLARES | N/A | R1111-001 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| FLARE-1 | FLARES | N/A | 60A-001 | 40 CFR Part 60, Subpart | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|---------------------------------|--------------------------|---------------|--|--|
| | | | | A | |
| FLARE-2 | FLARES | N/A | R1111-002 | 30 TAC Chapter 111, Visible Emissions | No changing attributes. |
| FLARE-2 | FLARES | N/A | 60A-002 | 40 CFR Part 60, Subpart A | No changing attributes. |
| FUG | FUGITIVE EMISSION UNITS | N/A | 60KKK-001 | 40 CFR Part 60, Subpart KKK | No changing attributes. |
| FUG | FUGITIVE EMISSION UNITS | N/A | 60OOOO-001 | 40 CFR Part 60, Subpart OOOO | No changing attributes. |
| GAS-LOAD | LOADING/UNLOADING OPERATIONS | N/A | R5211-L2 | 30 TAC Chapter 115, Loading and Unloading of VOC | No changing attributes. |
| GAS-UNLOAD | LOADING/UNLOADING OPERATIONS | N/A | R5211-L3 | 30 TAC Chapter 115, Loading and Unloading of VOC | No changing attributes. |
| GRP-INGLY | GLYCOL DEHYDRATION | INGLY-1, INGLY-2 | 63HH-FL | 40 CFR Part 63, Subpart HH | Control Device Type = Flare. |
| GRP-INGLY | GLYCOL DEHYDRATION | INGLY-1, INGLY-2 | 63HH-TO | 40 CFR Part 63, Subpart HH | Control Device Type = Thermal vapor incinerator., Control Device Operation = Operates at a minimum temperature of 760 degrees C provided the control device has demonstrated, under 40 CFR §63.772(e), that combustion zone temperature is an indicator of destruction efficiency., Performance |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|--------------------------------------|--------------------------|---------------|--|---|
| | | | | | Test/Design Analysis Exemption = No performance test/design analysis exemption is being utilized., Performance Test or Design Analysis = Performance test conducted by manufacturer as specified in 40 CFR § 63.772(h). |
| PAINT | SURFACE COATING OPERATIONS | N/A | R5412-001 | 30 TAC Chapter 115, Surface Coating Operations | No changing attributes. |
| PRO-AMINE-I | GAS SWEETENING/SULFUR RECOVERY UNITS | N/A | 60LLL-002 | 40 CFR Part 60, Subpart LLL | No changing attributes. |
| PROP-LOAD | LOADING/UNLOADING OPERATIONS | N/A | R5211-L1 | 30 TAC Chapter 115, Loading and Unloading of VOC | No changing attributes. |
| TANK 11 | STORAGE TANKS/VESSELS | N/A | R5112-001 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| V-4 | MISCELLANEOUS UNITS | N/A | N/A | 30 TAC Chapter 116, Standard Permits | 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) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|---|--|---|---|
| 1103 | EU | 60DC-002 | 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) |
| 1103 | EU | 60DC-002 | 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) |
| 1103 | EU | 60DC-002 | 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) |
| 1103 | EU | 63DDDDD-001 | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, | The permit holder shall comply with the applicable requirements of 40 | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR | The permit holder shall comply with the applicable recordkeeping | The permit holder shall comply with the applicable reporting requirements of 40 CFR |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|--|--|---|---|
| | | | | | standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | CFR Part 63, Subpart DDDDD | Part 63, Subpart DDDDD | requirements of 40 CFR Part 63, Subpart DDDDD | Part 63, Subpart DDDDD |
| 111A | EU | 60GG-001 | SO ₂ | 40 CFR Part 60, Subpart GG | § 60.333(b) | No stationary gas turbine shall burn any fuel which contains sulfur in excess of 0.8% by weight. | § 60.334(h) [G]§ 60.334(h)(3) | None | None |
| 111A | EU | 60GG-001 | NO _x | 40 CFR Part 60, Subpart GG | § 60.332(a)(2) § 60.332(a)(3) § 60.332(k) | No owner or operator shall discharge into the atmosphere from any stationary gas turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation. | [G]§ 60.335(a) § 60.335(b)(1) § 60.335(b)(2) § 60.335(c)(1) ** See Periodic Monitoring Summary | None | None |
| 112B | EU | 60GG-005 | SO ₂ | 40 CFR Part 60, Subpart GG | § 60.333(b) | No stationary gas turbine shall burn any fuel which contains sulfur in excess of 0.8% by weight. | § 60.334(h) [G]§ 60.334(h)(3) | None | None |
| 112B | EU | 60GG-005 | NO _x | 40 CFR Part 60, Subpart GG | § 60.332(a)(2) § 60.332(a)(3) § 60.332(k) | No owner or operator shall discharge into the atmosphere from any stationary gas | [G]§ 60.335(a) § 60.335(b)(1) § 60.335(b)(2) § 60.335(c)(1) ** See Periodic Monitoring | 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) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|--|--|--|---|--|
| | | | | | | turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation. | Summary | | |
| 113 | EU | 60GG-003 | SO ₂ | 40 CFR Part 60, Subpart GG | § 60.333(b) | No stationary gas turbine shall burn any fuel which contains sulfur in excess of 0.8% by weight. | § 60.334(h) [G]§ 60.334(h)(3) | None | None |
| 113 | EU | 60GG-003 | NO _x | 40 CFR Part 60, Subpart GG | § 60.332(a)(2) § 60.332(a)(3) § 60.332(k) | No owner or operator shall discharge into the atmosphere from any stationary gas turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation. | [G]§ 60.335(a) § 60.335(b)(1) § 60.335(b)(2) § 60.335(c)(1) ** See Periodic Monitoring Summary | None | None |
| 114 | EU | 63ZZZZ-001 | FORMALDEHYDE | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.1.a § 63.6600(a)-Table1b.1.b § 63.6605(a) § 63.6605(b) § 63.6625(h) | 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% | § 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(i) § 63.6630(a)-Table5.7.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) | § 63.6620(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)- |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------|---------------------------------------|--|---|--|---|--|
| | | | | | § 63.6630(a) § 63.6640(b) | load plus or minus 10%, you must reduce formaldehyde emissions by 76% or more. | § 63.6620(b) § 63.6620(b)(1) § 63.6620(d) § 63.6620(e)(1) [G]§ 63.6625(b) § 63.6630(a)-Table5.7.a.i § 63.6630(a)-Table5.7.a.ii § 63.6630(a)-Table5.7.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.4.a.i § 63.6640(a)-Table6.4.a.ii § 63.6640(a)-Table6.4.a.iii § 63.6640(a)-Table6.4.a.iv § 63.6640(b) | § 63.6655(a)(5) [G]§ 63.6655(b) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c) | 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(e) § 63.6650(f) |
| 115 | EU | 63ZZZZ-001 | FORMALDEHYDE | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.1.a § 63.6600(a)-Table1b.1.b § 63.6605(a) § 63.6605(b) § 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) [G]§ 63.6625(b) § 63.6630(a)-Table5.7.a.i § 63.6630(a)-Table5.7.a.ii § 63.6630(a)-Table5.7.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.4.a.i | § 63.6620(i) § 63.6630(a)-Table5.7.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) [G]§ 63.6655(b) § 63.6655(d) § 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) § 63.6645(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) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------|---------------------------------------|--|---|---|---|--|
| | | | | | | | § 63.6640(a)-Table6.4.a.ii § 63.6640(a)-Table6.4.a.iii § 63.6640(a)-Table6.4.a.iv § 63.6640(b) | | § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(e) § 63.6650(f) |
| 116A | EU | 63ZZZZ-001 | FORMALDEHYDE | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.1.a § 63.6600(a)-Table1b.1.b § 63.6605(a) § 63.6605(b) § 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) [G]§ 63.6625(b) § 63.6630(a)-Table5.7.a.i § 63.6630(a)-Table5.7.a.ii § 63.6630(a)-Table5.7.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.4.a.i § 63.6640(a)-Table6.4.a.ii § 63.6640(a)-Table6.4.a.iii § 63.6640(a)-Table6.4.a.iv § 63.6640(b) | § 63.6620(i) § 63.6630(a)-Table5.7.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) [G]§ 63.6655(b) § 63.6655(d) § 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) § 63.6645(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(e) § 63.6650(f) |
| 117 | EU | 63ZZZZ-001 | FORMALDEHYDE | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.1.a § 63.6600(a)- | For each 4SRB stationary RICE with a site rating of more than 500 brake HP located at a major source of | § 63.6610(a) § 63.6610(b) § 63.6610(c) § 63.6615 § 63.6620(a) § 63.6620(a)-Table4.2.a.i | § 63.6620(i) § 63.6630(a)-Table5.7.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) | § 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------|---------------------------------------|--|---|--|---|--|
| | | | | | Table1b.1.b § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6630(b) § 63.6640(b) | HAP emissions, except during periods of startup, operating at 100% load plus or minus 10%, you must reduce formaldehyde emissions by 76% or more. | § 63.6620(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) [G]§ 63.6625(b) § 63.6630(a)-Table5.7.a.i § 63.6630(a)-Table5.7.a.ii § 63.6630(a)-Table5.7.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.4.a.i § 63.6640(a)-Table6.4.a.ii § 63.6640(a)-Table6.4.a.iii § 63.6640(a)-Table6.4.a.iv § 63.6640(b) | § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) [G]§ 63.6655(b) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c) | § 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(e) § 63.6650(f) |
| 118 | EU | 63ZZZZ-001 | FORMALDEHYDE | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.1.a § 63.6600(a)-Table1b.1.b § 63.6605(a) § 63.6605(b) § 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) [G]§ 63.6625(b) § 63.6630(a)-Table5.7.a.i § 63.6630(a)-Table5.7.a.ii § 63.6630(a)-Table5.7.a.iii | § 63.6620(i) § 63.6630(a)-Table5.7.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) [G]§ 63.6655(b) § 63.6655(d) § 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) § 63.6645(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) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|--|---|---|---|--|
| | | | | | | | § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.4.a.i § 63.6640(a)-Table6.4.a.ii § 63.6640(a)-Table6.4.a.iii § 63.6640(a)-Table6.4.a.iv § 63.6640(b) | | § 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(e) § 63.6650(f) |
| 119B | EU | 63ZZZZ-001 | FORMALDEHYDE | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.1.a § 63.6600(a)-Table1b.1.b § 63.6605(a) § 63.6605(b) § 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) [G]§ 63.6625(b) § 63.6630(a)-Table5.7.a.i § 63.6630(a)-Table5.7.a.ii § 63.6630(a)-Table5.7.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.4.a.i § 63.6640(a)-Table6.4.a.ii § 63.6640(a)-Table6.4.a.iii § 63.6640(a)-Table6.4.a.iv § 63.6640(b) | § 63.6620(i) § 63.6630(a)-Table5.7.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) [G]§ 63.6655(b) § 63.6655(d) § 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) § 63.6645(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(e) § 63.6650(f) |
| 120 | EU | 60GG-004 | SO ₂ | 40 CFR Part 60, Subpart | § 60.333(b) | No stationary gas turbine shall burn | § 60.334(h) [G]§ 60.334(h)(3) | None | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|--|--|---|---|
| | | | | GG | | any fuel which contains sulfur in excess of 0.8% by weight. | | | |
| 120 | EU | 60GG-004 | NO _x | 40 CFR Part 60, Subpart GG | § 60.332(a)(2) § 60.332(a)(3) § 60.332(k) | No owner or operator shall discharge into the atmosphere from any stationary gas turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation. | [G]§ 60.335(a) § 60.335(b)(2) § 60.335(b)(3) ** See Periodic Monitoring Summary | None | None |
| 125A | EU | 60JJJJ-001 | CO | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4243(g) § 60.4246 | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(e) | § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4) | [G]§ 60.4245(c) § 60.4245(d) |
| 125A | EU | 60JJJJ-001 | NO _x | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) | Owners and operators of stationary non-emergency natural | § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) | § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a)(1) | [G]§ 60.4245(c) § 60.4245(d) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|---|---|---|---|
| | | | | | § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4243(g) § 60.4246 | gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4244(b) § 60.4244(c) § 60.4244(d) | § 60.4245(a)(2) § 60.4245(a)(4) | |
| 125A | EU | 60JJJJ-001 | VOC | 40 CFR Part 60, Subpart JJJJ | § 60.4233(e)-Table1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4243(g) § 60.4246 | Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart. | § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(f) § 60.4244(g) | § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4) | [G]§ 60.4245(c) § 60.4245(d) |
| 125A | EU | 63ZZZZ-001 | CO | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(b)-Table2a.2.a § 63.6595(c) § 63.6600(b)-Table2b.1.a § 63.6600(b)-Table2b.1.b § 63.6605(a) § 63.6605(b) § 63.6625(h) | For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% | § 63.6610(a) § 63.6610(b) § 63.6610(c) [G]§ 63.6610(d) § 63.6615 § 63.6620(a) § 63.6620(a)-Table3.1 § 63.6620(a)-Table4.1.a.i § 63.6620(a)-Table4.1.a.ii § 63.6620(a)-Table4.1.a.iii | § 63.6620(i) § 63.6630(a)-Table5.1.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) | § 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(c) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------|---------------------------------------|--|---|---|---|---|
| | | | | | § 63.6630(a) § 63.6640(b) | load plus or minus 10%, you must reduce CO emission by 93% or more. | § 63.6620(b) § 63.6620(b)(2) § 63.6620(d) § 63.6620(e)(1) [G]§ 63.6620(e)(2) [G]§ 63.6625(b) § 63.6630(a)-Table5.1.a.i § 63.6630(a)-Table5.1.a.ii § 63.6630(a)-Table5.1.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.1.a.i § 63.6640(a)-Table6.1.a.ii § 63.6640(a)-Table6.1.a.iii § 63.6640(a)-Table6.1.a.iv § 63.6640(a)-Table6.1.a.v § 63.6640(b) | § 63.6655(a)(5) [G]§ 63.6655(b) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c) | § 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(e) § 63.6650(f) |
| 130B | EU | 63ZZZZ-001 | FORMALDEHYDE | 40 CFR Part 63, Subpart ZZZZ | § 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.1.a § 63.6600(a)-Table1b.1.b § 63.6605(a) § 63.6605(b) § 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) [G]§ 63.6625(b) § 63.6630(a)-Table5.7.a.i § 63.6630(a)-Table5.7.a.ii § 63.6630(a)-Table5.7.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) | § 63.6620(i) § 63.6630(a)-Table5.7.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) [G]§ 63.6655(b) § 63.6655(d) § 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) § 63.6645(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) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|---|---|---|---|
| | | | | | | | § 63.6640(a)-Table6.4.a.i § 63.6640(a)-Table6.4.a.ii § 63.6640(a)-Table6.4.a.iii § 63.6640(a)-Table6.4.a.iv § 63.6640(b) | | § 63.6650(b)(7) § 63.6650(b)(8) § 63.6650(b)(9) [G]§ 63.6650(c) [G]§ 63.6650(e) § 63.6650(f) |
| 132 | EU | 63ZZZZ-001 | 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% O ₂ . | § 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) | § 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) |
| 170A | EU | 60GG-003 | SO ₂ | 40 CFR Part 60, Subpart GG | § 60.333(b) | No stationary gas turbine shall burn any fuel which contains sulfur in excess of 0.8% by weight. | § 60.334(h) [G]§ 60.334(h)(3) | None | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|--|--|---|---|
| 170A | EU | 6oGG-003 | NO _x | 40 CFR Part 60, Subpart GG | § 60.332(a)(2) § 60.332(a)(3) § 60.332(k) | No owner or operator shall discharge into the atmosphere from any stationary gas turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation. | [G]§ 60.335(a) § 60.335(b)(1) § 60.335(b)(2) § 60.335(c)(1) ** See Periodic Monitoring Summary | None | None |
| 202 | EU | 6oDC-001 | 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) |
| 202 | EU | 6oDC-001 | 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) |
| 202 | EU | 6oDC-001 | PM (OPACITY) | 40 CFR Part 60, Subpart | § 60.40c(a) | This subpart applies to each | None | § 60.48c(g)(1) § 60.48c(g)(2) | [G]§ 60.48c(a) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|--|---|--|---|--|--|
| | | | | Dc | | 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). | | § 60.48c(g)(3) § 60.48c(i) | |
| 202 | EU | 63DDDDD-001 | 112(B) HAPS | 40 CFR Part 63, Subpart DDDDD | § 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| AST-813A | EU | R5112-001 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | [G]§ 115.117 ** See Periodic Monitoring Summary | § 115.118(b)(4) § 115.118(b)(5) | None |
| BUT-LOAD | EU | R5211-L1 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(b)(4) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i) | Crude oil, condensate, and liquefied petroleum gas. All loading and unloading of crude oil, condensate, and liquefied petroleum gas is exempt from | § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) | § 115.216 § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(B) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------|---------------------------------------|---|--|--|---|---|
| | | | | | | division, except for the specified requirements. | | | |
| FLARE-1 | EU | R1111-001 | PM (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 |
| FLARE-1 | CD | 60A-001 | 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)(5) § 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)(6) | None | None |
| FLARE-2 | EU | R1111-002 | PM (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 |
| FLARE-2 | CD | 60A-002 | OPACITY | 40 CFR Part 60, Subpart A | § 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) | Flares shall comply with paragraphs (c)-(f) of § 60.18. | § 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) | None | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|--|-------------------------------------|---|---|
| | | | | | § 60.18(c)(5) § 60.18(c)(6) § 60.18(e) | | § 60.18(f)(6) | | |
| FUG | EU | 60KKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(f) | Use this provision instead of §60.485(d)(1). Each component is presumed to be in VOC service or in wet gas service unless it is not. For a component to be considered not in VOC service, it must be determined that the % VOC content can never be expected to exceed 10.0 % by wt. For a component to be considered in wet gas service, it must be determined that it contains or contacts the field gas before the extraction step in the process. To determine VOC content use the procedures in §60.63. | § 60.632(f) | § 60.632(f) | None |
| FUG | EU | 60KKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.633(f) | Reciprocating compressors in wet gas service are exempt from the compressor control | None | § 60.486(j) § 60.635(c) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|---|--|---|---|
| | | | | | | requirements of §60.482-3. | | | |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) | Comply with the requirements for compressors as stated in §60.482-3 and §60.482-1(a), (b) and (d), except as provided in §60.633. | § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636 |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(a)(2) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) | Comply with the requirements for pumps in light liquid service as stated in §60.482-2 and §60.482-1(a), (b) and (d), except as provided in §60.633. | § 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-2(a)(1) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(h) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636 |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|---|---|---|---|
| | | | | | § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) | | | | |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) [G]§ 60.633(b)(3) | Comply with the requirements for pressure relief devices in gas/vapor service as stated in §60.482-4 and 60.482-1(a), (b) and (d), except as provided in §60.633. | § 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d) § 60.633(b)(1) § 60.633(b)(2) [G]§ 60.633(b)(3) [G]§ 60.633(b)(4) | § 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) [G]§ 60.633(b)(4) [G]§ 60.635(b) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636 |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) | Comply with the requirements for open-ended valves or lines as stated in §60.482-6 and §60.482-1(a), (b) and (d), except as provided in §60.633. | § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d) | § 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636 |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|--|--|---|---|
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) | Comply with the requirements for valves in gas/vapor service as stated in §60.482-7 and §60.482-1(a), (b) and (d), except as provided in §60.633. | § 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636 |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) | Comply with the requirements for valves in light liquid service as stated in §60.482-7 and §60.482-1(a), (b) and (d), except as provided in §60.633. | § 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636 |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) | Comply with the requirements for pumps in heavy liquid service as | § 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|---|---|---|---|
| | | | | | § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) | stated in §60.482-8, except as provided in §60.633. | § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h) | § 60.486(e) § 60.486(e)(1) § 60.486(j) | [G]§ 60.636 |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) | Comply with the requirements for pressure relief devices in light liquid service as stated in §60.482-8, except as provided in §60.633. | § 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636 |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) | Comply with the requirements for pressure relief devices in heavy liquid service as stated in §60.482-8, except as provided in §60.633. | § 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636 |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|---|---|---|---|
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k) | Comply with the requirements for connectors as stated in §60.482-8, except as provided in §60.633. | § 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636 |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) | Comply with the requirements for valves in heavy liquid service as stated in §60.482-8, except as provided in §60.633. | § 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636 |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.18 § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-10(d) § 60.482-10(m) § 60.486(k) § 60.633(g) | Comply with the requirements for closed vent systems and control devices - flares - as stated in §60.482-10(d) and §60.482-1(a), (b) and (d), except as provided in | § 60.482-10(e) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) [G]§ 60.485(g) § 60.632(d) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|---|---|---|---|---|
| | | | | | | §60.633. | | | |
| FUG | EU | 6oKKK-001 | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) [G]§ 60.482-10(f) [G]§ 60.482-10(g) § 60.482-10(h) § 60.482-10(i) [G]§ 60.482-10(j) [G]§ 60.482-10(k) § 60.482-10(m) § 60.486(k) | Comply with the requirements for closed vent systems and control devices - closed vent systems - as stated in §60.482-10(g) and §60.482-1(a), (b) and (d), except as provided in §60.633. | § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d) | § 60.482-1(g) [G]§ 60.482-10(l) [G]§ 60.486(a) [G]§ 60.486(d) § 60.486(e) § 60.486(e)(1) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |
| FUG | EU | 6oOOOO-001 | VOC | 40 CFR Part 60, Subpart OOOO | § 60.5365 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart OOOO | The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart OOOO | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart OOOO | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart OOOO | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart OOOO |
| GAS-LOAD | EU | R5211-L2 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.212(b)(1) § 115.212(b)(1)(A) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(E) § 115.214(b)(1)(B) § 115.214(b)(1)(C) § 60.18 | In Aransas, Bexar, Calhoun, Gregg, Matagorda, Nueces, San Patricio, Travis and Victoria Counties, vapors caused by the loading of VOC with a TVP of 1.5 psia or greater must be controlled by one of the following. | § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(5) § 115.215(8) | § 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|--|---|--|--|---|--|
| | | | | | | | § 115.215(9) § 115.216(1) § 115.216(1)(B) | | |
| GAS-UNLOAD | EU | R5211-L3 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B) § 115.214(b)(1)(C) | All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations. | § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii) | § 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(iii) | None |
| GRP-INGLY | EU | 63HH-FL | 112(B) HAPS | 40 CFR Part 63, Subpart HH | § 63.765(b)(1)(i) § 63.11(b) § 63.764(a) § 63.764(j) § 63.765(b)(2) § 63.765(c)(3) § 63.771(c)(1) § 63.771(c)(2) § 63.771(d)(1) § 63.771(d)(1)(iii) § 63.771(d)(4)(i) [G]§ 63.773(c)(3) § 63.773(c)(4) [G]§ 63.773(c)(6) | The owner/operator shall connect the process vent to a control device, in accordance with §63.771(c), through a closed vent system, in accordance with §63.771(d). | § 63.771(d)(3) [G]§ 63.772(c) § 63.772(e) § 63.772(e)(2) [G]§ 63.773(c)(2)(i) [G]§ 63.773(c)(2)(ii) § 63.773(d)(3) § 63.773(d)(3)(i)(C) § 63.773(d)(3)(iii) § 63.773(d)(6) § 63.773(d)(6)(i) § 63.773(d)(6)(iv) § 63.773(d)(7) | [G]§ 63.774(b)(1) § 63.774(b)(2) [G]§ 63.774(b)(3) § 63.774(b)(4) § 63.774(b)(4)(i) § 63.774(b)(4)(ii)(A) § 63.774(b)(6) § 63.774(b)(7) § 63.774(b)(7)(i) § 63.774(b)(7)(ii) § 63.774(b)(7)(iii) § 63.774(b)(7)(iv) § 63.774(b)(7)(v) § 63.774(b)(7)(vi) § 63.774(b)(7)(vii) § 63.774(b)(7)(viii) § 63.774(b)(8) [G]§ 63.774(e) § 63.774(g) | § 63.764(b) [G]§ 63.773(c)(2)(i) [G]§ 63.773(c)(2)(ii) [G]§ 63.775(b)(1) § 63.775(b)(2) § 63.775(b)(3) § 63.775(b)(4) § 63.775(b)(5) § 63.775(b)(6) § 63.775(d) § 63.775(d)(10) [G]§ 63.775(d)(2) § 63.775(d)(6) § 63.775(d)(7) § 63.775(e) § 63.775(e)(1) § 63.775(e)(2) § 63.775(e)(2)(i) § 63.775(e)(2)(ii) § 63.775(e)(2)(ii)(A) § 63.775(e)(2)(ii)(D) § 63.775(e)(2)(iii) [G]§ 63.775(e)(2)(vii) § 63.775(e)(2)(viii) § 63.775(e)(2)(x) § 63.775(e)(2)(xi) |

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| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|--|---|---|--|--|
| | | | | | | | | | [G]§ 63.775(f) § 63.775(g)(1) |
| GRP-INGLY | EU | 63HH-TO | 112(B) HAPS | 40 CFR Part 63, Subpart HH | § 63.765(b)(1)(i) § 63.764(a) § 63.764(j) § 63.765(b)(2) § 63.765(c)(3) § 63.771(c)(1) § 63.771(c)(2) § 63.771(d)(1) § 63.771(d)(1)(i)(C) § 63.771(d)(4)(i) [G]§ 63.773(c)(3) § 63.773(c)(4) [G]§ 63.773(c)(6) | The owner or operator of a large glycol dehydration unit shall connect the process vent to a control device or a combination of control devices through a closed-vent system. | § 63.771(d)(3) [G]§ 63.772(c) § 63.772(e) § 63.772(h)(1) [G]§ 63.772(h)(2) § 63.772(h)(3) [G]§ 63.772(h)(4) [G]§ 63.772(h)(5) [G]§ 63.772(h)(6) [G]§ 63.772(h)(7) [G]§ 63.772(i) § 63.773(b) [G]§ 63.773(c)(2)(i) [G]§ 63.773(c)(2)(ii) [G]§ 63.773(d)(1) § 63.773(d)(3) § 63.773(d)(3)(i)(A) § 63.773(d)(3)(i)(H)(1) § 63.773(d)(3)(i)(H)(2) § 63.773(d)(3)(ii) § 63.773(d)(3)(iii) § 63.773(d)(4) [G]§ 63.773(d)(5)(i) § 63.773(d)(6) § 63.773(d)(6)(i) § 63.773(d)(6)(iv) § 63.773(d)(6)(vi) § 63.773(d)(6)(vi)(A) § 63.773(d)(6)(vi)(B) § 63.773(d)(7) | [G]§ 63.774(b)(1) § 63.774(b)(2) [G]§ 63.774(b)(3) § 63.774(b)(4) § 63.774(b)(4)(i) § 63.774(b)(4)(ii) § 63.774(b)(4)(ii)(C) § 63.774(b)(6) § 63.774(b)(7) § 63.774(b)(7)(i) § 63.774(b)(7)(ii) § 63.774(b)(7)(iii) § 63.774(b)(7)(iv) § 63.774(b)(7)(v) § 63.774(b)(7)(vi) § 63.774(b)(7)(vii) § 63.774(b)(7)(viii) § 63.774(b)(8) § 63.774(g) [G]§ 63.774(h) § 63.774(i) | § 63.764(b) [G]§ 63.772(h)(8) [G]§ 63.773(c)(2)(i) [G]§ 63.773(c)(2)(ii) [G]§ 63.775(b)(1) § 63.775(b)(2) § 63.775(b)(3) § 63.775(b)(4) § 63.775(b)(5) § 63.775(b)(6) § 63.775(d) [G]§ 63.775(d)(1) § 63.775(d)(10) § 63.775(d)(13) [G]§ 63.775(d)(14) [G]§ 63.775(d)(5) § 63.775(d)(6) § 63.775(d)(7) § 63.775(e) § 63.775(e)(1) § 63.775(e)(2) § 63.775(e)(2)(i) § 63.775(e)(2)(ii) § 63.775(e)(2)(ii)(A) § 63.775(e)(2)(ii)(D) § 63.775(e)(2)(ii)(E) § 63.775(e)(2)(ii)(F) § 63.775(e)(2)(iii) [G]§ 63.775(e)(2)(vii) § 63.775(e)(2)(viii) § 63.775(e)(2)(xi) § 63.775(e)(2)(xiii) [G]§ 63.775(f) § 63.775(g)(1) |
| PAINT | PRO | R5412-001 | VOC | 30 TAC Chapter 115, | § 115.420 The permit holder | The permit holder shall comply with | The permit holder shall comply with the applicable | The permit holder shall comply with the | The permit holder shall comply with the |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------------|--|---|---|---|---|---|
| | | | | Surface Coating Operations | shall comply with the applicable limitation, standard and/or equipment specification requirements of 30 TAC Chapter 115, Surface Coating Operations | the applicable requirements of 30 TAC Chapter 115, Surface Coating Operations | monitoring and testing requirements of 30 TAC Chapter 115, Surface Coating Operations | applicable recordkeeping requirements of 30 TAC Chapter 115, Surface Coating Operations | applicable reporting requirements of 30 TAC Chapter 115, Surface Coating Operations |
| PRO-AMINE-I | PRO | 6oLLL-002 | SO ₂ | 40 CFR Part 60, Subpart LLL | § 60.640(b) | Facilities that have a design capacity less than 2 LT/D of H ₂ S in the acid gas (expressed as sulfur) are required to comply with §60.647(c) but not §60.642 through §60.646. | None | § 60.647(c) | None |
| PROP-LOAD | EU | R5211-L1 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(b)(4) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i) | Crude oil, condensate, and liquefied petroleum gas. All loading and unloading of crude oil, condensate, and liquefied petroleum gas is exempt from division, except for the specified requirements. | § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) | § 115.216 § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(B) | None |
| TANK 11 | EU | R5112-001 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(b)(1) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate | [G]§ 115.117 ** See Periodic Monitoring Summary | § 115.118(b)(4) § 115.118(b)(5) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|---|---|--|--|
| | | | | | | control device specified in Table I(a) or Table II(a). | | | |
| V-4 | EU | N/A | VOC | 30 TAC Chapter 116, Standard Permits | Standard Permit 37831 | The permit holder shall comply with the applicable requirements of Standard Permit 37831. | Standard Permit 37831 ** See CAM Summary | Standard Permit 37831 | Standard Permit 37831 |

Additional Monitoring Requirements

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Periodic Monitoring Summary..... 45

CAM Summary

| Unit/Group/Process Information | |
|--|---|
| ID No.: V-4 | |
| Control Device ID No.: TO-1 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 116, Standard Permits | SOP Index No.: N/A |
| Pollutant: VOC | Main Standard: Standard Permit 37831 |
| Monitoring Information | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: Temperature less than 1400°F in the combustion chamber. | |
| <p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 0.75% of the temperature being measured expressed in degrees Celsius; or ± 2.5 degrees Celsius. | |

CAM Summary

| Unit/Group/Process Information | |
|---|--------------------------------------|
| ID No.: V-4 | |
| Control Device ID No.: FLARE-2 | Control Device Type: Flare |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 116, Standard Permits | SOP Index No.: N/A |
| Pollutant: VOC | Main Standard: Standard Permit 37831 |
| Monitoring Information | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Continuous | |
| Averaging Period: n/a | |
| Deviation Limit: No pilot flame. | |
| <p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and document by a written procedure that provides adequate assurance that the device is performing properly.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|---|-------------------------------|
| ID No.: 111A | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 40 CFR Part 60, Subpart GG | SOP Index No.: 60GG-001 |
| Pollutant: NO _x | Main Standard: § 60.332(a)(2) |
| Monitoring Information | |
| Indicator: NO _x Concentration | |
| Minimum Frequency: once every two years | |
| Averaging Period: n/a | |
| Deviation Limit: NO _x concentration shall not exceed 150 ppmv corrected to 15% O ₂ . | |
| <p>Periodic Monitoring Text: Measure and record the nitrogen oxides concentration of the exhaust gas on a biennial calendar basis using the method specified in 30 TAC § 117.211(e). The maximum NO_x concentration (specified in units of the underlying applicable requirement) is the corresponding nitrogen oxide limit associated with the emission limitation in the underlying applicable requirement. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|--|-------------------------------|
| ID No.: 111A | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 40 CFR Part 60, Subpart GG | SOP Index No.: 60GG-001 |
| Pollutant: NO _x | Main Standard: § 60.332(a)(2) |
| Monitoring Information | |
| Indicator: Fuel Consumption | |
| Minimum Frequency: once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Fuel consumption shall not exceed 14,200 SCFH. | |
| <p>Periodic Monitoring Text: Measure and record fuel consumption. Establish a maximum fuel consumption limit using the most appropriate of the following: the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p> | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|--|-------------------------------|
| ID No.: 112B | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 40 CFR Part 60, Subpart GG | SOP Index No.: 60GG-005 |
| Pollutant: NO _x | Main Standard: § 60.332(a)(2) |
| Monitoring Information | |
| Indicator: Fuel Consumption | |
| Minimum Frequency: once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Fuel consumption shall not exceed 13,600 SCFH. | |
| <p>Periodic Monitoring Text: Measure and record fuel consumption. Establish a maximum fuel consumption limit using the most appropriate of the following: the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p> | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|---|-------------------------------|
| ID No.: 112B | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 40 CFR Part 60, Subpart GG | SOP Index No.: 60GG-005 |
| Pollutant: NO _x | Main Standard: § 60.332(a)(2) |
| Monitoring Information | |
| Indicator: NO _x Concentration | |
| Minimum Frequency: once every two years | |
| Averaging Period: n/a | |
| Deviation Limit: NO _x concentration shall not exceed 150 ppmv corrected to 15% O ₂ . | |
| <p>Periodic Monitoring Text: Measure and record the nitrogen oxides concentration of the exhaust gas on a biennial calendar basis using the method specified in 30 TAC § 117.211(e). The maximum NO_x concentration (specified in units of the underlying applicable requirement) is the corresponding nitrogen oxide limit associated with the emission limitation in the underlying applicable requirement. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|--|-------------------------------|
| ID No.: 113 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 40 CFR Part 60, Subpart GG | SOP Index No.: 60GG-003 |
| Pollutant: NO _x | Main Standard: § 60.332(a)(2) |
| Monitoring Information | |
| Indicator: Fuel Consumption | |
| Minimum Frequency: once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Fuel consumption shall not exceed 14509.80 SCFH. | |
| <p>Periodic Monitoring Text: Measure and record fuel consumption. Establish a maximum fuel consumption limit using the most appropriate of the following: the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p> | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|---|-------------------------------|
| ID No.: 113 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 40 CFR Part 60, Subpart GG | SOP Index No.: 60GG-003 |
| Pollutant: NO _x | Main Standard: § 60.332(a)(2) |
| Monitoring Information | |
| Indicator: NO _x Concentration | |
| Minimum Frequency: once every two years | |
| Averaging Period: n/a | |
| Deviation Limit: NO _x concentration shall not exceed 150 ppmv corrected to 15% O ₂ . | |
| <p>Periodic Monitoring Text: Measure and record the nitrogen oxides concentration of the exhaust gas on a biennial calendar basis using the method specified in 30 TAC § 117.211(e). The maximum NO_x concentration (specified in units of the underlying applicable requirement) is the corresponding nitrogen oxide limit associated with the emission limitation in the underlying applicable requirement. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|--|-------------------------------|
| ID No.: 120 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 40 CFR Part 60, Subpart GG | SOP Index No.: 60GG-004 |
| Pollutant: NO _x | Main Standard: § 60.332(a)(2) |
| Monitoring Information | |
| Indicator: Fuel Consumption | |
| Minimum Frequency: once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Fuel consumption shall not exceed 12147.06 SCFH. | |
| <p>Periodic Monitoring Text: Measure and record fuel consumption. Establish a maximum fuel consumption limit using the most appropriate of the following: the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p> | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|---|-------------------------------|
| ID No.: 120 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 40 CFR Part 60, Subpart GG | SOP Index No.: 60GG-004 |
| Pollutant: NO _x | Main Standard: § 60.332(a)(2) |
| Monitoring Information | |
| Indicator: NO _x Concentration | |
| Minimum Frequency: once every two years | |
| Averaging Period: n/a | |
| Deviation Limit: NO _x concentration shall not exceed 150 ppmv corrected to 15% O ₂ . | |
| <p>Periodic Monitoring Text: Measure and record the nitrogen oxides concentration of the exhaust gas on a biennial calendar basis using the method specified in 30 TAC § 117.211(e). The maximum NO_x concentration (specified in units of the underlying applicable requirement) is the corresponding nitrogen oxide limit associated with the emission limitation in the underlying applicable requirement. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|--|-------------------------------|
| ID No.: 170A | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 40 CFR Part 60, Subpart GG | SOP Index No.: 60GG-003 |
| Pollutant: NO _x | Main Standard: § 60.332(a)(2) |
| Monitoring Information | |
| Indicator: Fuel Consumption | |
| Minimum Frequency: once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Fuel consumption shall not exceed 41931.37 SCFH. | |
| <p>Periodic Monitoring Text: Measure and record fuel consumption. Establish a maximum fuel consumption limit using the most appropriate of the following: the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p> | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|---|-------------------------------|
| ID No.: 170A | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 40 CFR Part 60, Subpart GG | SOP Index No.: 60GG-003 |
| Pollutant: NO _x | Main Standard: § 60.332(a)(2) |
| Monitoring Information | |
| Indicator: NO _x Concentration | |
| Minimum Frequency: once every two years | |
| Averaging Period: n/a | |
| Deviation Limit: NO _x concentration shall not exceed 168 ppmv corrected to 15% O ₂ . | |
| <p>Periodic Monitoring Text: Measure and record the nitrogen oxides concentration of the exhaust gas on a biennial calendar basis using the method specified in 30 TAC § 117.211(e). The maximum NO_x concentration (specified in units of the underlying applicable requirement) is the corresponding nitrogen oxide limit associated with the emission limitation in the underlying applicable requirement. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|---|--------------------------------|
| ID No.: AST-813A | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-001 |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| Monitoring Information | |
| Indicator: Structural Integrity of the Pipe | |
| Minimum Frequency: Emptied and degassed | |
| Averaging Period: n/a | |
| Deviation Limit: Not inspecting integrity of fill pipe and recording when vessel degassed, not repairing vessel prior to refill if needed. | |
| <p>Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|--|--------------------------------|
| ID No.: AST-813A | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-001 |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| Monitoring Information | |
| Indicator: Record of Tank Construction Specifications | |
| Minimum Frequency: n/a | |
| Averaging Period: n/a | |
| Deviation Limit: No records of tank construction showing specifications for fill pipe or show submerged side fill. | |
| <p>Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.</p> | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|--|--------------------------------|
| ID No.: TANK 11 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-001 |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| Monitoring Information | |
| Indicator: Structural Integrity of the Pipe | |
| Minimum Frequency: Emptied and degassed | |
| Averaging Period: n/a | |
| Deviation Limit: Not inspecting integrity of fill pipe and recording when vessel degassed, not repairing vessel prior to refill if needed. | |
| Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel. | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|--|--------------------------------|
| ID No.: TANK 11 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-001 |
| Pollutant: VOC | Main Standard: § 115.112(b)(1) |
| Monitoring Information | |
| Indicator: Record of Tank Construction Specifications | |
| Minimum Frequency: n/a | |
| Averaging Period: n/a | |
| Deviation Limit: No records of tank construction showing specifications for fill pipe or show submerged side fill. | |
| <p>Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.</p> | |

Permit Shield

Permit Shield60

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 | | |
| 110 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 110 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 110 | N/A | 40 CFR Part 63, Subpart ZZZZ | Unit is an existing (constructed prior to December 19, 2002) spark ignition 4 stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions. |
| 114 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 114 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 115 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 115 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 116A | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 116A | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 117 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 117 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 118 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 118 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 119B | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |

Permit Shield

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

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|--|--|
| ID No. | Group/Inclusive Units | | |
| 119B | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 120 | N/A | 30 TAC Chapter 117, Subchapter E, Division 1 | Unit does not generate electric energy for compensation. |
| 121 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 121 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 121 | N/A | 40 CFR Part 63, Subpart ZZZZ | Unit is an existing (constructed prior to December 19, 2002) spark ignition 4 stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions. |
| 122 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 122 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 122 | N/A | 40 CFR Part 63, Subpart ZZZZ | Unit is an existing (constructed prior to December 19, 2002) spark ignition 4 stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions. |
| 123 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 123 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 123 | N/A | 40 CFR Part 63, Subpart ZZZZ | Unit is an existing (constructed prior to December 19, 2002) spark ignition 4 stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major |

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 | | |
| | | | source of HAP emissions. |
| 124 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 124 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 124 | N/A | 40 CFR Part 63, Subpart ZZZZ | Unit is an existing (constructed prior to December 19, 2002) spark ignition 4 stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions. |
| 125A | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 126 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 126 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 126 | N/A | 40 CFR Part 63, Subpart ZZZZ | Unit is an existing (constructed prior to December 19, 2002) spark ignition 4 stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions. |
| 128 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 128 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 128 | N/A | 40 CFR Part 63, Subpart ZZZZ | Unit is an existing (constructed prior to December 19, 2002) spark ignition 4 stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions. |

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 | | |
| 129 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 129 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 129 | N/A | 40 CFR Part 63, Subpart ZZZZ | Unit is an existing (constructed prior to December 19, 2002) spark ignition 4 stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions. |
| 130B | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 130B | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 131A | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| 131A | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 131A | N/A | 40 CFR Part 63, Subpart ZZZZ | Unit is an existing (constructed prior to December 19, 2002) spark ignition 4 stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions. |
| 132 | N/A | 40 CFR Part 60, Subpart JJJJ | Engine commenced construction prior to June 12, 2006. |
| 170A | N/A | 30 TAC Chapter 117, Subchapter E, Division 1 | Unit does not generate electric energy for compensation. |
| AST-1400 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| AST-1701 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |

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 | | |
| AST-1702 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| AST-505 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| AST-660 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| AST-780 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| AST-804 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is between 75 cubic meters and 151 cubic meters and stores a liquid with a maximum true vapor pressure less than 15 kPa. |
| AST-805A | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is between 75 cubic meters and 151 cubic meters and stores a liquid with a maximum true vapor pressure less than 15 kPa. |
| AST-806 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is between 75 cubic meters and 151 cubic meters and stores a liquid with a maximum true vapor pressure less than 15 kPa. |
| AST-812 | N/A | 40 CFR Part 60, Subpart Kb | Vessel has a design capacity less than or equal to 1,589.874 m ³ and is used for petroleum or condensate stored, processed, or treated prior to custody transfer. |
| AST-813A | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| AST-814 | N/A | 40 CFR Part 60, Subpart Kb | Vessel has a design capacity less than or equal to 1,589.874 m ³ and is used for petroleum or condensate stored, processed, or treated prior to custody transfer. |

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 | | |
| CTOWER | N/A | 40 CFR Part 63, Subpart Q | Unit does not operate with chromium based chemicals. |
| DETERGENT | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| DIESEL | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| PAINT | N/A | 40 CFR Part 63, Subpart Mmmm | Source uses less than 946 liters (250 gallons) per year of coatings that contain hazardous air pollutants (HAP). |
| PRO-AMINE-I | N/A | 30 TAC Chapter 112, Sulfur Compounds | Not a sulfur recovery plant |
| T103 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| TANK 11 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| TANK-5 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| TANK-8 | N/A | 40 CFR Part 60, Subpart K | Storage vessel constructed before June 11, 1973. |
| TANK-9 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| TP-7280 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |
| TP-7292 | N/A | 40 CFR Part 60, Subpart Kb | Unit storage capacity is less than 75m ³ (19,800 gallons). |

New Source Review Authorization References

New Source Review Authorization References 67

New Source Review Authorization References by Emission Unit..... 68

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.

| 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.: 37831 | Issuance Date: 02/18/2015 |
| Permits By Rule (30 TAC Chapter 106) for the Application Area | |
| Number: 106.359 | Version No./Date: 09/10/2013 |
| Number: 106.433 | Version No./Date: 09/04/2000 |

New Source Review Authorization References by Emissions Unit

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

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization |
|---------------------------|--------------------------------------|---------------------------------|
| 1103 | HOT OIL HEATER | 37831 |
| 110 | CATERPILLAR G399 TAA ENGINE | 37831 |
| 111A | SOLAR SATURN 10, VERSION 1001 | 37831 |
| 112B | 1200 HP SOLAR SATURN 10 | 37831 |
| 113 | SOLAR MODEL CS-1200 | 37831 |
| 114 | SUPERIOR 8G825 COMPRESSOR ENGINE | 37831 |
| 115 | SUPERIOR 8G825 COMPRESOR ENGINE | 37831 |
| 116A | SUPERIOR 8G825 COMPRESSOR ENGINE | 37831 |
| 117 | CATERPILLAR G399TA COMPRESSOR ENGINE | 37831 |
| 118 | CATERPILLAR G399TA COMPRESSOR ENGINE | 37831 |
| 119B | CATERPILLAR G399TA COMPRESSOR ENGINE | 37831 |
| 120 | 1200 HP SOLAR CENTAUR | 37831 |
| 121 | CATERPILLAR G3516TALE | 37831 |
| 122 | CATERPILLAR G3516TALE | 37831 |
| 123 | CATERPILLAR G3516TALE | 37831 |
| 124 | CATERPILLAR 3606LE | 37831 |
| 125A | 1775-HP CATERPILLAR G-3606LE | 37831 |
| 126 | CATERPILLAR 3606LE | 37831 |

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 |
|---------------------------|-------------------------------------|---------------------------------|
| 128 | CATERPILLAR 3608TALE | 37831 |
| 129 | CATERPILLAR 3612TALE | 37831 |
| 130B | WAUKESHA L7042GSI COMPRESSOR ENGINE | 37831 |
| 131A | CATERPILLAR 3516TALE | 37831 |
| 132 | 330-HP CATERPILLAR G-379NA | 37831 |
| 170A | SOLAR TURBINE T-4700 | 37831 |
| 202 | EAST REGEN HEATER | 37831 |
| AST-1400 | 290 BBL OIL TANK | 37831 |
| AST-1701 | 50 BBL NORKOOL STORAGE TANK | 37831 |
| AST-1702 | 210 BBL NORKOOL STORAGE TANK | 37831 |
| AST-505 | 100 BBL HEAT MEDIUM OIL TANK | 37831 |
| AST-660 | TEG STORAGE TANK | 37831 |
| AST-780 | 100 BBL AMINE STORAGE TANK | 37831 |
| AST-804 | 750 BBL SALT WATER TANK | 37831 |
| AST-805A | 750 BBL SALT WATER TANK | 37831 |
| AST-806 | 750 BBL SALT WATER TANK | 37831 |
| AST-812 | 500 BBL SLOP OIL TANK | 37831 |
| AST-813A | 47.15 BBL USED OIL TANK | 37831 |

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 |
|---------------------------|--------------------------------|---------------------------------|
| AST-814 | 210 BBL SUMP TANK | 37831 |
| BUT-LOAD | BUTANE LOADING | 37831 |
| CTOWER | COOLING TOWER | 37831 |
| DETERGENT | 13 BBL DETERGENT STORAGE TANK | 37831 |
| DIESEL | 265 GAL DIESEL STORAGE TANK | 37831 |
| FLARE-1 | VOC FLARE | 37831 |
| FLARE-2 | UTILITY FLARE | 37831 |
| FUG | PROCESS FUGITIVE | 37831 |
| GAS-LOAD | NATURAL GAS LOADING | 37831 |
| GAS-UNLOAD | NATURAL GAS UNLOADING | 37831 |
| INGLY-1 | INLET GLYCOL UNIT 1 | 37831 |
| INGLY-2 | INLET GLYCOL UNIT 2 | 37831 |
| PAINT | PAINTING BOOTH | 106.433/09/04/2000 |
| PRO-AMINE-I | INLET AMINE TREATER PROCESS | 37831 |
| PROP-LOAD | PROPANE LOADOUT | 37831 |
| T103 | LUBE OIL TANK | 37831 |
| TANK 11 | 400 BBL METHANOL STORAGE TANK | 37831 |
| TANK-5 | 140 BBL WASTE OIL TANK | 37831 |

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 |
|----------------------------------|---------------------------------------|--|
| TANK-8 | DISPOSAL WATER TANK | 37831 |
| TANK-9 | WASTE OIL TANK | 37831 |
| TP-7280 | 7 BBL GASOLINE TANK | 37831 |
| TP-7292 | 12 BBL DIESEL TANK | 37831 |
| V-4 | AMINE SWEETENING UNIT | 37831 |

Appendix A

Acronym List 73

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 ₂ S | 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 |