

FEDERAL OPERATING PERMIT

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

AUTHORIZING THE OPERATION OF
Port Arthur Gas Plant
Natural Gas Liquids

LOCATED AT
Jefferson County, Texas
Latitude 29° 55' 52" Longitude 94° 0' 35"
Regulated Entity Number: RN101062032

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: O2506 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, DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, §113.390, §113.1090, and §113.1130 respectively, 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. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible

emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

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

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

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

- (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: “Storage of Volatile Organic Compounds,” the permit holder shall comply with the requirements of 30 TAC § 115.112(a)(1).
- 5. 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. 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

8. 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 conduct a once a month visual, audible, and/or olfactory inspection of the capture system to detect leaking components for any capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions.
 - F. 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.
9. 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

10. 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
11. 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.
12. 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).

13. 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

14. 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.
15. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
 - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
 - (i) For sources in the Beaumont-Port Arthur Nonattainment area, 30 TAC § 117.9000
 - B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.150(c) and (c)(1).
16. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
 - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:

- (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)(2)
- (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
- (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)(2)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

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

A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

- (i) Title 30 TAC Chapter 115
- (ii) Title 30 TAC Chapter 117
- (iii) If applicable, offsets for Title 30 TAC Chapter 116
- (iv) Temporarily exceed state NSR permit allowables

B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

- (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
- (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
- (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

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

Permit Location

- 19. 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)

- 20. 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 Summary15

Applicable Requirements Summary 18

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 |
|-------------------------------|--|--------------------------|---------------|--|-------------------------|
| AM-02 | GAS SWEETENING/SULFUR RECOVERY UNITS | N/A | 60LLL-0001 | 40 CFR Part 60, Subpart LLL | No changing attributes. |
| E-01 | SRIC ENGINES | N/A | R7ICI-0001 | 30 TAC Chapter 117, Subchapter B | No changing attributes. |
| E-02 | SRIC ENGINES | N/A | R7ICI-0002 | 30 TAC Chapter 117, Subchapter B | No changing attributes. |
| E-05A | SRIC ENGINES | N/A | R7ICI-0003 | 30 TAC Chapter 117, Subchapter B | No changing attributes. |
| E-07C | SRIC ENGINES | N/A | N/A | 30 TAC Chapter 106, Permits by Rule | No changing attributes. |
| E-07C | SRIC ENGINES | N/A | 63ZZZZ-0004 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| E-08A | SRIC ENGINES | N/A | N/A | 30 TAC Chapter 106, Permits by Rule | No changing attributes. |
| E-08A | SRIC ENGINES | N/A | 63ZZZZ-0005 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| E-12 | SRIC ENGINES | N/A | 60JJJJ-0007 | 40 CFR Part 60, Subpart JJJJ | No changing attributes. |
| E-12 | SRIC ENGINES | N/A | 63ZZZZ-0007 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |
| EMGEN-1 | SRIC ENGINES | N/A | 60IIII-0001 | 40 CFR Part 60, Subpart IIII | No changing attributes. |
| EMGEN-1 | SRIC ENGINES | N/A | 63ZZZZ-0008 | 40 CFR Part 63, Subpart ZZZZ | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|---|--|---------------|---|-------------------------|
| F-01 | FUGITIVE EMISSION UNITS | N/A | R5352-ALL | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | No changing attributes. |
| F-01 | FUGITIVE EMISSION UNITS | N/A | 60KKKALL | 40 CFR Part 60, Subpart KKK | No changing attributes. |
| F-01 | FUGITIVE EMISSION UNITS | N/A | 63HH-0001 | 40 CFR Part 63, Subpart HH | No changing attributes. |
| GRP-115TKS | STORAGE TANKS/VESSELS | TK-01, TK-31, TK- 32, TK-33 | R5112-0001 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP-TNK1 | STORAGE TANKS/VESSELS | TK-11A, TK-12, TK-1C-2, TK-5, TK-6, TK-8, TK- C4A, TK-C4B | R5-0001 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| GRP-TNK2 | STORAGE TANKS/VESSELS | TK-22, TK-7 | R5-0002 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| H-01 | BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS | N/A | 63DDDDD-Ho1 | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| H-04 | BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS | N/A | 63DDDDD-Ho4 | 40 CFR Part 63, Subpart DDDDD | No changing attributes. |
| ST-2850 | STORAGE TANKS/VESSELS | N/A | R5112-002 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-24 | STORAGE TANKS/VESSELS | N/A | R5-0006 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |

Unit Summary

| Unit/Group/ Process ID No. | Unit Type | Group/Inclusive Units | SOP Index No. | Regulation | Requirement Driver |
|-------------------------------|---------------------------------|--------------------------|---------------|--|-------------------------|
| TK-25 | STORAGE TANKS/VESSELS | N/A | R5112-0002 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TK-26 | STORAGE TANKS/VESSELS | N/A | R5112-0026 | 30 TAC Chapter 115, Storage of VOCs | No changing attributes. |
| TL-1 | LOADING/UNLOADING OPERATIONS | N/A | R5211-001 | 30 TAC Chapter 115, Loading and Unloading of VOC | 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) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|--|---|--|--|--|
| AM-02 | PRO | 6oLLL-0001 | 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 |
| E-01 | EU | R7ICI-0001 | NO _x | 30 TAC Chapter 117, Subchapter B | § 117.105(e) § 117.105(a) § 117.105(e)(1) § 117.130(a) § 117.130(d) § 117.130(d)(7) § 117.140(k) § 117.140(l) | No person shall allow the discharge into the atmosphere from any gas-fired, lean-burn, stationary, reciprocating internal combustion engine rated 300 hp or greater, NO _x emissions in excess of 3.0 g/hp-hr. | [G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(g) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8140(a) § 117.8140(a)(1) § 117.8140(a)(2) § 117.8140(a)(2)(A) [G]§ 117.8140(a)(2)(B) § 117.8140(b) | § 117.145(a) § 117.145(f) § 117.145(f)(1) [G]§ 117.145(f)(3) § 117.145(f)(9) | § 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) [G]§ 117.145(e) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) |
| E-01 | EU | R7ICI-0001 | CO | 30 TAC Chapter 117, Subchapter B | § 117.105(e) § 117.105(a) § 117.105(e)(1) § 117.130(a) § 117.140(k) | No person shall allow the discharge into the atmosphere from any gas-fired, lean-burn, stationary, reciprocating internal combustion engine rated 300 hp or greater, CO emissions in excess of 3.0 g/hp-hr, as specified in | [G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(g) § 117.8000(b) | § 117.145(a) § 117.145(f) § 117.145(f)(1) [G]§ 117.145(f)(3) § 117.145(f)(9) | § 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) [G]§ 117.145(e) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|--|--|---|--|--|
| | | | | | | §§117.105(e)(1)-(e)(2). | § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120 § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B) § 117.8140(a) § 117.8140(a)(1) § 117.8140(a)(2) § 117.8140(a)(2)(A) [G]§ 117.8140(a)(2)(B) § 117.8140(b) | | § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) |
| E-02 | EU | R7ICI-0002 | NO _x | 30 TAC Chapter 117, Subchapter B | § 117.105(e) § 117.105(a) § 117.105(e)(1) § 117.130(a) § 117.130(d) § 117.130(d)(7) § 117.140(k) § 117.140(l) | No person shall allow the discharge into the atmosphere from any gas-fired, lean-burn, stationary, reciprocating internal combustion engine rated 300 hp or greater, NO _x emissions in excess of 3.0 g/hp-hr. | [G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(g) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8140(a) § 117.8140(a)(1) § 117.8140(a)(2) § 117.8140(a)(2)(A) [G]§ 117.8140(a)(2)(B) § 117.8140(b) | § 117.145(a) § 117.145(f) § 117.145(f)(1) [G]§ 117.145(f)(3) § 117.145(f)(9) | § 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) [G]§ 117.145(e) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|--|---|--|--|--|
| E-02 | EU | R7ICI-0002 | CO | 30 TAC Chapter 117, Subchapter B | § 117.105(e) § 117.105(a) § 117.105(e)(1) § 117.130(a) § 117.140(k) | No person shall allow the discharge into the atmosphere from any gas-fired, lean-burn, stationary, reciprocating internal combustion engine rated 300 hp or greater, CO emissions in excess of 3.0 g/hp-hr, as specified in §§117.105(e)(1)-(e)(2). | [G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(g) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120 § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B) § 117.8140(a) § 117.8140(a)(1) § 117.8140(a)(2) § 117.8140(a)(2)(A) [G]§ 117.8140(a)(2)(B) § 117.8140(b) | § 117.145(a) § 117.145(f) § 117.145(f)(1) [G]§ 117.145(f)(3) § 117.145(f)(9) | § 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) [G]§ 117.145(e) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) |
| E-05A | EU | R7ICI-0003 | NO _x | 30 TAC Chapter 117, Subchapter B | § 117.105(e) § 117.105(a) § 117.105(e)(1) § 117.130(a) § 117.130(d) § 117.130(d)(7) § 117.140(k) § 117.140(l) | No person shall allow the discharge into the atmosphere from any gas-fired, lean-burn, stationary, reciprocating internal combustion engine rated 300 hp or greater, NO _x emissions in excess of 3.0 g/hp-hr. | [G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(g) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) | § 117.145(a) § 117.145(f) § 117.145(f)(1) [G]§ 117.145(f)(3) § 117.145(f)(9) | § 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) [G]§ 117.145(e) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|---|--|--|--|
| | | | | | | | § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8140(a) § 117.8140(a)(1) § 117.8140(a)(2) § 117.8140(a)(2)(A) [G]§ 117.8140(a)(2)(B) § 117.8140(b) | | § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) |
| E-05A | EU | R7ICI-0003 | CO | 30 TAC Chapter 117, Subchapter B | § 117.105(e) § 117.105(a) § 117.105(e)(1) § 117.130(a) § 117.140(k) | No person shall allow the discharge into the atmosphere from any gas-fired, lean-burn, stationary, reciprocating internal combustion engine rated 300 hp or greater, CO emissions in excess of 3.0 g/hp-hr, as specified in §§117.105(e)(1)-(e)(2). | [G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(g) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120 § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B) § 117.8140(a) § 117.8140(a)(1) § 117.8140(a)(2) § 117.8140(a)(2)(A) [G]§ 117.8140(a)(2)(B) § 117.8140(b) | § 117.145(a) § 117.145(f) § 117.145(f)(1) [G]§ 117.145(f)(3) § 117.145(f)(9) | § 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) [G]§ 117.145(e) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) |
| E-07C | EU | N/A | NOX | 30 TAC Chapter 106, Permits by Rule | 106.512 | 106.512 | 106.512 ** See CAM Summary | 106.512 | 106.512 |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|------------------|---------------------------------------|--|---|--|--|--|
| E-07C | EU | 63ZZZZ-0004 | FORMALD EHYDE | 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) 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) § 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(d) § 63.6650(f) |
| E-08A | EU | N/A | NOX | 30 TAC Chapter 106, Permits by | 106.512 | 106.512 | 106.512 ** See CAM | 106.512 | 106.512 |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|------------------|---------------------------------------|--|---|---|--|--|
| | | | | Rule | | | Summary | | |
| E-o8A | EU | 63ZZZZ-0005 | FORMALD EHYDE | 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) § 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(d) § 63.6650(f) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|---|--|---|---|
| E-12 | EU | 60JJJJ-0007 | 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(c) § 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 07/01/2007 and before 07/01/2010 must comply with a CO emission limit of 4.0 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) |
| E-12 | EU | 60JJJJ-0007 | NO _x | 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 07/01/2007 and before 07/01/2010 must comply with a NO _x 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(d) | § 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) |
| E-12 | EU | 60JJJJ-0007 | 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(c) § 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 07/01/2007 and before 07/01/2010 must comply with a VOC emission limit of 1.0 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(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) |
| E-12 | EU | 63ZZZZ- | CO | 40 CFR Part 63, | § 63.6600(b)- | For each new or | § 63.6610(a) | § 63.6620(i) | § 63.6620(i) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|--|---|---|--|
| | | 0007 | | Subpart ZZZZ | 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) § 63.6630(a) § 63.6640(b) | 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% load plus or minus 10%, you must reduce CO emission by 93% or more. | § 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(b) § 63.6620(b)(2) § 63.6620(d) § 63.6620(e)(1) [G]§ 63.6620(e)(2) § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(b) | § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c) | § 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) § 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) |
| EMGEN-1 | EU | 60III-0001 | CO | 40 CFR Part 60, Subpart IIII | § 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR | None | None | [G]§ 60.4214(d) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------------------|---------------------------------------|---|---|-------------------------------------|---|---|
| | | | | | | 89.112(a). | | | |
| EMGEN-1 | EU | 60III-0001 | NMHC and NO _x | 40 CFR Part 60, Subpart III | § 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and less than 75 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later, must comply with an NMHC+NO _x emission limit of 4.7 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a). | None | None | [G]§ 60.4214(d) |
| EMGEN-1 | EU | 60III-0001 | PM (OPACITY) | 40 CFR Part 60, Subpart III | § 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3) | Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3). | None | None | [G]§ 60.4214(d) |
| EMGEN-1 | EU | 60III-0001 | PM | 40 CFR Part 60, Subpart III | § 60.4205(b) § 60.4202(a)(2) | Owners and operators of emergency stationary CI | None | None | [G]§ 60.4214(d) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|--|---|--|-------------------------------------|--|--|
| | | | | | § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a) | ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and less than 75 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.40 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a). | | | |
| EMGEN-1 | EU | 63ZZZZ-0008 | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ | § 63.6590(c) | Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part. | None | None | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(6) | Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight and components | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|---|--|-------------------------------------|---|---|
| | | | | | | at a natural gas/gasoline processing operation that contact a process fluid that contains less than 1.0% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title. | | | |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(5) | Reciprocating compressors and positive displacement pumps used in natural gas/gasoline processing operations are exempt from the requirements of this division except §115.356(3)(C) of this title. | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(10) | Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title. | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(11) | Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title. | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & | § 115.357(13) | Components/systems that contact a process fluid | None | § 115.356 § 115.356(3) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|---|---|---|
| | | | | Petrochemicals | | containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title. | | [G]§ 115.356(3)(C) | |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.357(2) § 115.352(9) | Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C). | None | § 115.356 § 115.356(3) [G]§ 115.356(3)(C) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.353(a) § 115.353(b) § 115.910 | For all affected persons in the Beaumont-Port Arthur, Dallas-Fort Worth, El Paso, and Houston-Galveston areas, as defined in §115.10, any alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the executive director in accordance with §115.910 if emission reductions are demonstrated to be substantially equivalent. | None | None | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(C) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) | No component shall be allowed to have a VOC leak, for more than 15 days, after discovery. If the owner or operator elects to use the alternative work practice in | § 115.354(1) § 115.354(11) § 115.354(13)(A) § 115.354(13)(B) § 115.354(13)(C) § 115.354(13)(D) | § 115.352(7) § 115.354(13)(D) § 115.354(13)(E) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) | [G]§ 115.358(g) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|--|---|---|
| | | | | | § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.352(8) § 115.357(8) § 115.358(c)(1) [G]§ 115.358(h) | §115.358 of this title, any leak detected as defined in §115.358 of this title, including any leak detected using the alternative work practice on a component that is subject to the requirements of this division but not specifically selected for alternative work practice monitoring. | § 115.354(13)(E) § 115.354(13)(F) § 115.354(4) § 115.354(5) § 115.354(9) [G]§ 115.355 § 115.358(c)(2) § 115.358(d) [G]§ 115.358(e) § 115.358(f) | § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) [G]§ 115.356(4) § 115.356(5) | |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1) | No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) | No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & | § 115.352(1)(A) § 115.352(1) | No pressure relief valves shall be allowed to have a | § 115.354(1) § 115.354(2) | § 115.352(7) § 115.356 | [G]§ 115.354(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|--|--|---|
| | | | | Petrochemicals | § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(1) § 115.357(8) § 115.357(9) | VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1) | [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5) | |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(9) § 115.357(12) § 115.357(8) § 115.357(9) | No pressure relief valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5) | [G]§ 115.354(7) |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9) | No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5) | [G]§ 115.354(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|---|--|--|--|--|
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9) | No open-ended valves or lines shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5) | [G]§ 115.354(7) |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(8) § 115.357(9) | No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5) | [G]§ 115.354(7) |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) | No valves shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5) | [G]§ 115.354(7) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|--|--|---|
| | | | | | § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9) | smell, or sound. | | | |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8) | No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8) | No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) | No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of | § 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|---|--|---|
| | | | | | § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8) | process fluid based on sight, smell, or sound. | | § 115.356(5) | |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(8) | No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(7) § 115.357(12) § 115.357(8) | No agitators shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) | No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening | [G]§ 115.355 | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|---|--|--|---|---|
| | | | | | § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(3) § 115.357(8) | concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | | [G]§ 115.356(3)(C) § 115.356(5) | |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8) | No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | [G]§ 115.355 | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8) | No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|---|--|---|
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8) | No compressor seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8) | No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | [G]§ 115.355 | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5) | None |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) | No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, | § 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1) | § 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|--|---|--|---|
| | | | | | § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8) | smell, or sound. | | | |
| F-01 | EU | R5352-ALL | VOC | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | § 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8) | No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound. | § 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 | § 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5) | None |
| F-01 | EU | 60KKKALL | 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 |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|---|---|---|---|
| F-01 | EU | 60KKKAL L | VOC | 40 CFR Part 60, Subpart KKK | § 60.633(f) | Reciprocating compressors in wet gas service are exempt from the compressor control requirements of §60.482-3. | None | § 60.486(j) § 60.635(c) | None |
| F-01 | EU | 60KKKAL L | 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 |
| F-01 | EU | 60KKKAL L | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(d) § 60.486(k) | Equipment in vacuum service to comply with §60.482-1(a), (b), and (d) and §60.482-2 to §60.482-10, except as provided in §60.633 or §60.482-1(d). | None | [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) |
| F-01 | EU | 60KKKAL L | 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- | 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) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [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) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|---|---|---|---|
| | | | | | 2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) | | [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) | [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(h) § 60.486(j) | |
| F-01 | EU | 60KKKAL L | 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 |
| F-01 | EU | 60KKKAL L | VOC | 40 CFR Part 60, Subpart KKK | § 60.632(a) § 60.482-1(a) § 60.482-1(b) | Comply with the requirements for open-ended valves or lines as | § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) | § 60.482-1(g) [G]§ 60.486(a) § 60.486(e) | § 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|--|--|---|---|
| | | | | | § 60.482-1(g) § 60.482-6(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) | stated in §60.482-6 and §60.482-1(a), (b) and (d), except as provided in §60.633. | § 60.485(d)(3) § 60.485(f) § 60.632(d) | § 60.486(e)(1) § 60.486(j) | § 60.487(e) [G]§ 60.636 |
| F-01 | EU | 60KKKAL L | 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 |
| F-01 | EU | 60KKKAL L | 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) | 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) | § 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) | § 60.487(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) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|---|---|---|---|
| | | | | | [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) | | § 60.485(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) | [G]§ 60.486(f) § 60.486(j) | |
| F-01 | EU | 60KKKAL L | 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(d) § 60.482-9(f) § 60.486(k) | Comply with the requirements for pumps 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 |
| F-01 | EU | 60KKKAL L | 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(d) § 60.482-9(f) § 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 |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|--|---|---|---|---|
| F-01 | EU | 6oKKKAL L | 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 |
| F-01 | EU | 6oKKKAL L | 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 |
| F-01 | EU | 6oKKKAL L | 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 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 |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|----------------|---------------------------------------|--|--|--|--|--|
| | | | | | [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k) | | | | |
| F-01 | EU | 63HH-0001 | 112(B) HAPS | 40 CFR Part 63, Subpart HH | § 63.769(c) § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10 § 61.242-2(a)(1) § 61.242-2(a)(2) [G]§ 61.242-2(b) [G]§ 61.242-2(c) [G]§ 61.242-2(d) [G]§ 61.242-2(e) § 61.242-2(f) [G]§ 61.242-2(g) § 61.242-2(h) § 63.764(a) § 63.764(j) | Comply with the requirements of §61.242-2 of Subpart V for pumps. | § 61.242-2(a)(1) [G]§ 61.242-2(d) § 61.242-2(f) § 61.242-2(h) [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d) | [G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(h) [G]§ 61.246(i) § 61.246(j) [G]§ 63.774(b)(1) § 63.774(b)(2) | [G]§ 61.247(a) [G]§ 61.247(b) [G]§ 61.247(c) [G]§ 61.247(e) § 63.764(b) § 63.775(d) [G]§ 63.775(d)(3) § 63.775(e) § 63.775(e)(1) § 63.775(e)(2)(iv) |
| F-01 | EU | 63HH-0001 | 112(B) HAPS | 40 CFR Part 63, Subpart HH | § 63.769(c) § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10 [G]§ 61.242-3 § 63.764(a) § 63.764(j) | Comply with the requirements of §61.242-3 of Subpart V for compressors. | [G]§ 61.242-3 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d) | [G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(h) [G]§ 61.246(i) § 61.246(j) [G]§ 63.774(b)(1) § 63.774(b)(2) | [G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e) § 63.764(b) § 63.775(d) [G]§ 63.775(d)(3) § 63.775(e) § 63.775(e)(1) § 63.775(e)(2)(iv) |
| F-01 | EU | 63HH-0001 | 112(B) HAPS | 40 CFR Part 63, Subpart HH | § 63.769(c) § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10 § 63.764(a) § 63.764(j) | Pressure relief devices located at nonfractionating facilities monitored only by non-facility personnel shall comply with the requirements of §63.769(c)(1)-(3). | [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d) § 63.769(c)(1) § 63.769(c)(1)(ii) | [G]§ 61.246(a) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j) [G]§ 63.774(b)(1) § 63.774(b)(2) | [G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e) § 63.764(b) § 63.775(d) [G]§ 63.775(d)(3) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|----------------|---------------------------------------|--|---|--|--|--|
| | | | | | § 63.769(c)(2) § 63.769(c)(3) | | | | § 63.775(e) § 63.775(e)(1) § 63.775(e)(2)(iv) |
| F-01 | EU | 63HH-0001 | 112(B) HAPS | 40 CFR Part 63, Subpart HH | § 63.769(c) § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10 [G]§ 61.242-6 § 63.764(a) § 63.764(j) | Comply with the requirements of §61.242-6 of Subpart V for open-ended valves and lines. | [G]§ 61.245(d) | [G]§ 61.246(a) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j) [G]§ 63.774(b)(1) § 63.774(b)(2) | [G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e) § 63.764(b) § 63.775(d) [G]§ 63.775(d)(3) § 63.775(e) § 63.775(e)(1) § 63.775(e)(2)(iv) |
| F-01 | EU | 63HH-0001 | 112(B) HAPS | 40 CFR Part 63, Subpart HH | § 63.769(c) § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10 § 61.242-7(a) § 61.242-7(b) [G]§ 61.242-7(c) [G]§ 61.242-7(d) [G]§ 61.242-7(e) [G]§ 61.242-7(f) [G]§ 61.242-7(g) [G]§ 61.242-7(h) [G]§ 61.243-1 [G]§ 61.243-2 § 63.764(a) § 63.764(j) | Comply with the requirements of §61.242-7 of Subpart V for valves. | § 61.242-7(a) [G]§ 61.242-7(c) [G]§ 61.242-7(g) [G]§ 61.242-7(h) [G]§ 61.243-1 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d) | [G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(f) [G]§ 61.246(g) [G]§ 61.246(i) § 61.246(j) [G]§ 63.774(b)(1) § 63.774(b)(2) | [G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) § 61.247(d) [G]§ 61.247(e) § 63.764(b) § 63.775(d) [G]§ 63.775(d)(3) § 63.775(e) § 63.775(e)(1) § 63.775(e)(2)(iv) |
| F-01 | EU | 63HH-0001 | 112(B) HAPS | 40 CFR Part 63, Subpart HH | § 63.769(c) § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10 [G]§ 61.242-8 § 63.764(a) | Comply with the requirements of §61.242-8 of Subpart V for pressure relief devices in liquid service. | [G]§ 61.242-8 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d) | [G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j) [G]§ 63.774(b)(1) | [G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e) § 63.764(b) § 63.775(d) [G]§ 63.775(d)(3) |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|---|--|---|
| | | | | | § 63.764(j) | | | § 63.774(b)(2) | § 63.775(e) § 63.775(e)(1) § 63.775(e)(2)(iv) |
| F-01 | EU | 63HH-0001 | 112(B) HAPS | 40 CFR Part 63, Subpart HH | § 63.769(c) § 61.242-1(a) § 61.242-1(b) § 61.242-1(d) [G]§ 61.242-10 [G]§ 61.242-8 § 63.764(a) § 63.764(j) | Comply with the requirements of §61.242-8 of Subpart V for flanges and other connectors. | [G]§ 61.242-8 [G]§ 61.245(b) [G]§ 61.245(c) [G]§ 61.245(d) | [G]§ 61.246(a) [G]§ 61.246(b) [G]§ 61.246(c) [G]§ 61.246(e) [G]§ 61.246(i) § 61.246(j) [G]§ 63.774(b)(1) § 63.774(b)(2) | [G]§ 61.247(a) [G]§ 61.247(b) § 61.247(c) [G]§ 61.247(e) § 63.764(b) § 63.775(d) [G]§ 63.775(d)(3) § 63.775(e) § 63.775(e)(1) § 63.775(e)(2)(iv) |
| GRP-115TKS | EU | R5112-0001 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(a)(1) § 115.112(a)(3) | Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a). | § 115.115(a) § 115.115(a)(6) [G]§ 115.117 | § 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7) | None |
| GRP-TNK1 | EU | R5-0001 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| GRP-TNK2 | EU | R5-0002 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| H-01 | EU | 63DDDDD | 112(B) | 40 CFR Part 63, | § 63.7505 | The permit holder shall | The permit holder | The permit holder shall | The permit holder shall |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|---|---|--|--|
| | | -H01 | HAPS | Subpart DDDDD | The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD | comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD | shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD | comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD | comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD |
| H-04 | EU | 63DDDDD-Ho4 | 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 |
| ST-2850 | EU | R5112-002 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| TK-24 | EU | R5-0006 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division. | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |
| TK-25 | EU | R5112-0002 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7) | None |

Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.) | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144) | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|---|--|---|--|
| | | | | | | vapor pressure less than 1.5 psia is exempt from the requirements of this division. | | | |
| TK-26 | EU | R5112-0026 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.112(a)(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(a)(5) § 115.118(a)(7) | None |
| TL-1 | EU | R5211-001 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(a)(2)(A) § 115.212(a)(2) [G]§ 115.212(a)(7) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i) | Any plant, excluding gasoline bulk plants, which loads less than 20,000 gpd of VOC with a true vapor pressure of 0.5 psia or greater is exempt from the requirements of this division, except for the specified requirements. | § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4) | § 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D) | None |

Additional Monitoring Requirements

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CAM Summary

| Unit/Group/Process Information | |
|--|--|
| ID No.: E-07C | |
| Control Device ID No.: CATCNV | Control Device Type: Catalytic Converter |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 106, Permits by Rule | SOP Index No.: N/A |
| Pollutant: NOX | Main Standard: 106.512 |
| Monitoring Information | |
| Indicator: Inlet Gas Temperature | |
| Minimum Frequency: once per day | |
| Averaging Period: n/a* | |
| Deviation Limit: Inlet gas temperature less than 750 degrees or greater than 1250 degrees Fahrenheit. | |
| <p>CAM Text: The monitoring device should be installed to record the inlet flue gas temperature to the catalyst. 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"> ± 2% of reading; or ± 2.5 degrees Celsius. | |

*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.

CAM Summary

| Unit/Group/Process Information | |
|--|--|
| ID No.: E-07C | |
| Control Device ID No.: CATCNV | Control Device Type: Catalytic Converter |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 106, Permits by Rule | SOP Index No.: N/A |
| Pollutant: NOX | Main Standard: 106.512 |
| Monitoring Information | |
| Indicator: NOx Concentration | |
| Minimum Frequency: once every two years | |
| Averaging Period: n/a | |
| Deviation Limit: Maximum NOx rate is not to exceed 5.19 tpy. | |
| CAM Text: Use Reference Method 7E or 20 to stack test the unit for NOx emissions on a biennial calendar basis. Exhaust flow rate may be determined from measured fuel flow rate and EPA Method 19. California Air Resources Board Method A-100 (adopted June 29, 1983) is an acceptable alternate to EPA test methods. | |

CAM Summary

| Unit/Group/Process Information | |
|--|--|
| ID No.: E-08A | |
| Control Device ID No.: CATCNV | Control Device Type: Catalytic Converter |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 106, Permits by Rule | SOP Index No.: N/A |
| Pollutant: NOX | Main Standard: 106.512 |
| Monitoring Information | |
| Indicator: Inlet Gas Temperature | |
| Minimum Frequency: once per day | |
| Averaging Period: n/a* | |
| Deviation Limit: Inlet gas temperature less than 750 degrees or greater than 1250 degrees Fahrenheit. | |
| <p>CAM Text: The monitoring device should be installed to record the inlet flue gas temperature to the catalyst. 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"> ± 2% of reading; or ± 2.5 degrees Celsius. | |

*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.

CAM Summary

| Unit/Group/Process Information | |
|--|--|
| ID No.: E-08A | |
| Control Device ID No.: CATCNV | Control Device Type: Catalytic Converter |
| Applicable Regulatory Requirement | |
| Name: 30 TAC Chapter 106, Permits by Rule | SOP Index No.: N/A |
| Pollutant: NOX | Main Standard: 106.512 |
| Monitoring Information | |
| Indicator: NOx Concentration | |
| Minimum Frequency: once every two years | |
| Averaging Period: n/a | |
| Deviation Limit: Maximum NOx rate is not to exceed 5.71 tpy. | |
| CAM Text: Use Reference Method 7E or 20 to stack test the unit for NOx emissions on a biennial calendar basis. Exhaust flow rate may be determined from measured fuel flow rate and EPA Method 19. California Air Resources Board Method A-100 (adopted June 29, 1983) is an acceptable alternate to EPA test methods. | |

Periodic Monitoring Summary

| Unit/Group/Process Information | |
|--|--------------------------------|
| ID No.: TK-26 | |
| 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.: R5112-0026 |
| Pollutant: VOC | Main Standard: § 115.112(a)(1) |
| Monitoring Information | |
| Indicator: Structural Integrity of the Pipe | |
| Minimum Frequency: Emptied and degassed | |
| Averaging Period: n/a | |
| Deviation Limit: Failure to repair fill pipe if integrity is in question during inspection when tank is emptied and before the storage vessel is refilled. | |
| 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.: TK-26 | |
| 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.: R5112-0026 |
| Pollutant: VOC | Main Standard: § 115.112(a)(1) |
| Monitoring Information | |
| Indicator: Record of Tank Construction Specifications | |
| Minimum Frequency: n/a | |
| Averaging Period: n/a | |
| Deviation Limit: Failure to maintain records of tank construction. | |
| <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

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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 | | |
| AM-02 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Not a sulfur recovery plant. |
| E-01 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| E-01 | N/A | 40 CFR Part 63, Subpart ZZZZ | Existing 4SLB with HP > 500 located at a major source of HAP emissions. |
| E-02 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| E-02 | N/A | 40 CFR Part 63, Subpart ZZZZ | Existing 4SLB with HP > 500 located at a major source of HAP emissions. |
| E-05A | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| E-05A | N/A | 40 CFR Part 60, Subpart JJJJ | The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction, or modification prior to June 12, 2006. |
| E-05A | N/A | 40 CFR Part 63, Subpart ZZZZ | Existing 4SLB with HP > 500 located at a major source of HAP emissions. |
| E-07C | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| E-07C | N/A | 30 TAC Chapter 117, Subchapter B | Unit installed after November 15, 1992. |
| E-07C | N/A | 40 CFR Part 60, Subpart JJJJ | The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction, or modification prior to June 12, 2006. |

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 | | |
| E-08A | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| E-08A | N/A | 30 TAC Chapter 117, Subchapter B | Unit installed after November 15, 1992. |
| E-08A | N/A | 40 CFR Part 60, Subpart JJJJ | The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction, or modification prior to June 12, 2006. |
| E-11A | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| E-11A | N/A | 30 TAC Chapter 117, Subchapter B | Unit installed after November 15, 1992. |
| E-11A | N/A | 40 CFR Part 60, Subpart JJJJ | The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction, or modification prior to June 12, 2006. |
| E-11A | N/A | 40 CFR Part 63, Subpart ZZZZ | Existing 4SLB with HP > 500 located at a major source of HAP emissions. |
| E-12 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Unit does not combust liquid fuel. |
| E-12 | N/A | 30 TAC Chapter 117, Subchapter B | Unit installed after November 15, 1992. |
| GRP-115TKS | TK-01, TK-31, TK-32, TK-33 | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |

Permit Shield

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

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|--|-------------------------------------|---|
| ID No. | Group/Inclusive Units | | |
| GRP-115TKS | TK-01, TK-31, TK-32, TK-33 | 40 CFR Part 63, Subpart HH | Does not meet the definition of a storage vessel with the potential for flash emissions as defined in §63.761 since tank throughput is < 79,500 liters per day. |
| GRP-TNK1 | TK-11A, TK-12, TK-1C-2, TK-5, TK-6, TK-8, TK-C4A, TK-C4B | 40 CFR Part 60, Subpart Ka | The individual storage capacity of each tank included in group is < 40,000 gallons. |
| GRP-TNK1 | TK-11A, TK-12, TK-1C-2, TK-5, TK-6, TK-8, TK-C4A, TK-C4B | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| GRP-TNK2 | TK-22, TK-7 | 40 CFR Part 60, Subpart Ka | The individual storage capacity of each tank included in group is < 40,000 gallons. |
| GRP-TNK3 | TK-10, TK-16, TK-17, TK-2, TK-27, TK-3, TK-9 | 30 TAC Chapter 115, Storage of VOCs | Storage tank capacity less than 1000 gallons |
| GRP-TNK3 | TK-10, TK-16, TK-17, TK-2, TK-27, TK-3, TK-9 | 40 CFR Part 60, Subpart Ka | The individual storage capacity of each tank included in group is < 40,000 gallons. |
| GRP-TNK3 | TK-10, TK-16, TK-17, TK-2, TK-27, TK-3, TK-9 | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| H-01 | N/A | 40 CFR Part 60, Subpart Dc | Unit was installed prior to rule applicability date. |
| H-04 | N/A | 40 CFR Part 60, Subpart Dc | Design heat capacity less than 10 MMBtu/hr |

Permit Shield

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

| Unit/Group/Process | | Regulation | Basis of Determination |
|--------------------|-----------------------|--|---|
| ID No. | Group/Inclusive Units | | |
| PAINT | N/A | 30 TAC Chapter 115, Surface Coating Operations | Only aerosol paints will be used. |
| S-1 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| ST-2850 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| TK-14 | N/A | 30 TAC Chapter 115, Storage of VOCs | Material stored is not a Volatile Organic Compound. |
| TK-14 | N/A | 40 CFR Part 60, Subpart Kb | Tank does not store VOL. |
| TK-25 | N/A | 40 CFR Part 60, Subpart Ka | Storage capacity of tank is < 40,000 gallons. |
| TK-25 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| TK-26 | N/A | 40 CFR Part 60, Subpart Ka | Storage capacity of tank is < 40,000 gallons. |
| TK-26 | N/A | 40 CFR Part 60, Subpart Kb | Storage vessel capacity is less than 75 cubic meters. |
| TK-28 | N/A | 30 TAC Chapter 115, Storage of VOCs | Material stored is not a Volatile Organic Compound. |
| TK-28 | N/A | 40 CFR Part 60, Subpart Kb | Tank does not store VOL. |

New Source Review Authorization References

New Source Review Authorization References 61

New Source Review Authorization References by Emission Unit..... 62

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.: 46332 | Issuance Date: 02/21/2012 |
| Permits By Rule (30 TAC Chapter 106) for the Application Area | |
| Number: 106.122 | Version No./Date: 09/04/2000 |
| Number: 106.352 | Version No./Date: 09/04/2000 |
| Number: 106.359 | Version No./Date: 09/10/2013 |
| Number: 106.511 | Version No./Date: 09/04/2000 |
| Number: 66 | Version No./Date: 11/05/1986 |
| Number: 72 | Version No./Date: 05/12/1981 |
| Number: 81 | Version No./Date: 03/15/1985 |

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 |
|---------------------------|-------------------------------------|---------------------------------|
| AM-02 | AMINE SYSTEM | 46332 |
| E-01 | INGERSOLL RAND KVSRA-412 | 46332 |
| E-02 | INGERSOLL RAND KVSRA-412 | 46332 |
| E-05A | WHITE SUPERIOR 8GTL-825 | 46332 |
| E-07C | WAUKESHA L7042 | 46332 |
| E-08A | WAUKESHA P-9390 GSI | 46332 |
| E-11A | WHITE SUPERIOR 12SGTB | 46332 |
| E-12 | CATERPILLAR G-3608LE | 46332 |
| EMGEN-1 | EMERGENCY GENERATOR | 106.511/09/04/2000 |
| F-01 | AREA FUGITIVES | 46332 |
| H-01 | REGENERATION HEATER #1 | 46332 |
| H-04 | HOT OIL HEATER | 46332 |
| PAINT | PAINTING AND MAINTENANCE OPERATIONS | 46332 |
| S-1 | 495 GALLON AMINE SUMP | 106.352/09/04/2000 |
| ST-2850 | 4200 GALLON HOT OIL TANK | 46332 |
| TK-01 | CONDENSATE STORAGE TANK | 46332 |
| TK-10 | 300 GAL LUBE OIL TANK | 106.352/09/04/2000 |
| TK-11A | 30-BBL LUBE OIL TANK | 46332 |

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 |
|---------------------------|----------------------------------|---------------------------------|
| TK-12 | 2200 GAL LUBE OIL TANK | 46332 |
| TK-14 | 220 GAL WATER TANK | 106.352/09/04/2000 |
| TK-16 | 800 GAL WASTEWATER SUMP | 81/03/15/1985 |
| TK-17 | 495 GAL WASTEWATER SUMP | 106.352/09/04/2000 |
| TK-1C-2 | 470 GAL LUBE OIL TANK | 106.352/09/04/2000 |
| TK-2 | 130 GAL DEGREASING SOAP TANK | 106.352/09/04/2000 |
| TK-22 | 1000 GAL ANTIFREEZE TANK | 46332 |
| TK-24 | 16800 GAL WASTEWATER TANK | 46332 |
| TK-25 | 210-BBL AMINE STORAGE | 46332 |
| TK-26 | 210-BBL DEHY WATER | 106.352/09/04/2000 |
| TK-27 | 200 GAL CLEANER SOLUTION TANK | 106.352/09/04/2000 |
| TK-28 | 8820 GAL DEIONIZED WATER TANK | 106.352/09/04/2000 |
| TK-3 | 130 GAL METHANOL TANK | 106.352/09/04/2000 |
| TK-31 | CONDENSATE STORAGE TANK | 46332 |
| TK-32 | CONDENSATE STORAGE TANK | 46332 |
| TK-33 | CONDENSATE STORAGE TANK | 46332 |
| TK-5 | 1500 GAL ANTIFREEZE STORAGE TANK | 46332 |
| TK-6 | 2000 GAL ANTIFREEZE STORAGE TANK | 46332 |

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 |
|----------------------------------|---------------------------------------|--|
| TK-7 | 2000 GAL LUBE OIL TANK | 46332 |
| TK-8 | 1800 GAL LUBE OIL TANK | 46332 |
| TK-9 | 130 GAL LUBE OIL TANK | 106.352/09/04/2000 |
| TK-C4A | 500 GAL. COLLANT TANK | 106.352/09/04/2000 |
| TK-C4B | 500 GAL. COLLANT TANK | 106.352/09/04/2000 |
| TL-1 | CONDENSATE LOADOUT | 46332 |

Appendix A

Acronym List 66

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 |