

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO

Chevron Phillips Chemical Company, LP

AUTHORIZING THE OPERATION OF

Clemens Terminal  
Refined Petroleum Pipelines

LOCATED AT

Brazoria County, Texas

Latitude 28° 58' 59" Longitude 095° 33' 32"

Regulated Entity Number: RN102200482

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:   O2710   Issuance Date:   January 07, 2011  

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For the Commission

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## **General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

## **Special Terms and Conditions: Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

- C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
- D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
- E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
- F. For the purpose of generating emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 1 (Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
  - (i) Title 30 TAC § 101.302 (relating to General Provisions)
  - (ii) Title 30 TAC § 101.303 (relating to Emission Reduction Credit Generation Certification)
  - (iii) Title 30 TAC § 101.304 (relating to Mobile Emission Reduction Credit Generation and Certification)
  - (iv) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
  - (v) Title 30 TAC § 101.309 (relating to Emission Credit Banking and Trading)
  - (vi) The terms and conditions by which the emission limits are established to generate the reduction credit are applicable requirements of this permit
- G. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 3 (Mass Emission Cap and Trade Program) Requirements:
  - (i) Title 30 TAC § 101.352 (relating to General Provisions)
  - (ii) Title 30 TAC § 101.353 (relating to Allocation of Allowances)
  - (iii) Title 30 TAC § 101.354 (relating to Allowance Deductions)

- (iv) Title 30 TAC § 101.356 (relating to Allowance Banking and Trading)
  - (v) Title 30 TAC § 101.358 (relating to Emission Monitoring and Compliance Demonstration)
  - (vi) Title 30 TAC § 101.359 (relating to Reporting)
  - (vii) Title 30 TAC § 101.360 (relating to Level of Activity Certification)
  - (viii) The terms and conditions by which the emission limits are established to meet or exceed the cap are applicable requirements of this permit
- H. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 6 (Highly Reactive Volatile Organic Compound Emissions Cap and Trade Program) requirements:
- (i) Title 30 TAC § 101.392 (relating to Exemptions)
  - (ii) Title 30 TAC § 101.401 (relating to Level of Activity Certification)
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<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
      - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
      - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months,

observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
  - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
  - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the

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

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

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

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

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

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A)
  - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- C. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- D. 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(e)(1).
- 5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
  - A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities, constructed prior to November 15, 1992, with transfers to stationary storage tanks located at a facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
    - (i) Title 30 TAC § 115.222(7) (relating to Control Requirements)
    - (ii) Title 30 TAC § 115.222(3), as it applies to liquid gasoline leaks
    - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks
    - (iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)
- 6. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
- 7. For each gasoline dispensing facility, with a throughput of less than 10,000 gallons per month as specified in 40 CFR Part 63, Subpart CCCCCC, the permit holder shall comply with the following requirements (Title 30 TAC, Subchapter C, § 113.1380 incorporated by reference):
  - A. Title 40 CFR § 63.1111(e), for records of monthly throughput
  - B. Title 40 CFR § 63.1111(i), for compliance due to increase of throughput
  - C. Title 40 CFR § 63.1113(c), for compliance due to increase of throughput

- D. Title 40 CFR § 63.11115(a), for operation of the source
- E. Title 40 CFR § 63.11116(a) and (a)(1) - (4), for work practices
- F. Title 40 CFR § 63.11116(b), for records availability
- G. Title 40 CFR § 63.11116(d), for portable gasoline containers

### **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. Except for emission units using a CEMS, COMS or PEMS which meets the requirements of 40 CFR § 64.3(d)(2), the permit holder shall comply with either of the following requirements for any capture system associated with the VOC control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions:
    - (i) Once a year the permit holder shall inspect the capture system in compliance of CAM for leaks in accordance with 40 CFR Part 60,

Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppm above background or as defined by the underlying applicable requirement; or

- (ii) Once a month, the permit holder shall conduct a visual, audible, and/or olfactory inspection of the capture system in compliance of CAM to detect leaking components.

F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

- 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, material safety data sheets (MSDS), 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.
  - A. If applicable, monitoring of control device performance or general work practice standards shall be made in accordance with the TCEQ Periodic Monitoring Guidance document.
  - B. 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).

### **Compliance Requirements**

13. 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.
14. 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 Houston-Galveston-Brazoria Nonattainment area, 30 TAC § 117.9020:
      - (1) Title 30 TAC § 117.9020(2)(A), (C), and (D)
  - B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.350(c) and (c)(1).
  - C. The permit holder shall comply with the requirements of 30 TAC § 117.354 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.356 for Revision of Final Control Plan.

15. 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
16. Use of Discrete Emission Credits to comply with the applicable requirements:
  - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) If applicable, offsets for Title 30 TAC Chapter 116
    - (iv) Temporarily exceed state NSR permit allowables
  - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

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

### **Risk Management Plan**

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

### **Protection of Stratospheric Ozone**

- 18. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone.
  - A. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

### **Permit Location**

- 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 Summary .....17**

**Applicable Requirements Summary ..... 23**

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/<br>Process ID No. | Unit Type   | Group/Inclusive<br>Units | SOP Index No. | Regulation                               | Requirement Driver      |
|-------------------------------|---|--------------------------|---------------|--|-------------------------|
| 62-36-3                       | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R111-1        | 30 TAC Chapter 111,<br>Visible Emissions | No changing attributes. |
| 62-36-4                       | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R111-1        | 30 TAC Chapter 111,<br>Visible Emissions | No changing attributes. |
| 62-61-3-HDR                   | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R5121-0012    | 30 TAC Chapter 115, Vent<br>Gas Controls | No changing attributes. |
| 62-61-4-HDR                   | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R5121-0012    | 30 TAC Chapter 115, Vent<br>Gas Controls | No changing attributes. |
| 62-61-5-HDR                   | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R5121-0012    | 30 TAC Chapter 115, Vent<br>Gas Controls | No changing attributes. |
| 62-95-126                     | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R115H-3       | 30 TAC Chapter 115,<br>HRVOC Vent Gas    | No changing attributes. |
| 62-95-126                     | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R115B-3       | 30 TAC Chapter 115, Vent<br>Gas Controls | No changing attributes. |

### Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type   | Group/Inclusive<br>Units | SOP Index No. | Regulation                               | Requirement Driver      |
|-------------------------------|---|--------------------------|---------------|--|-------------------------|
| 62-95-207                     | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R115B-4       | 30 TAC Chapter 115, Vent<br>Gas Controls | No changing attributes. |
| 62-95-208                     | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R115B-4       | 30 TAC Chapter 115, Vent<br>Gas Controls | No changing attributes. |
| 62-95-209                     | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R115H-6       | 30 TAC Chapter 115,<br>HRVOC Vent Gas    | No changing attributes. |
| 62-95-209                     | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R115B-5       | 30 TAC Chapter 115, Vent<br>Gas Controls | No changing attributes. |
| 62-95-210                     | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R115H-6       | 30 TAC Chapter 115,<br>HRVOC Vent Gas    | No changing attributes. |
| 62-95-210                     | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R115B-5       | 30 TAC Chapter 115, Vent<br>Gas Controls | No changing attributes. |
| 62-FLMW                       | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R115H-4       | 30 TAC Chapter 115,<br>HRVOC Vent Gas    | No changing attributes. |

### Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type   | Group/Inclusive<br>Units | SOP Index No. | Regulation   | Requirement Driver      |
|-------------------------------|---|--------------------------|---------------|--|-------------------------|
| 62-FLMW                       | EMISSION<br>POINTS/STATIONARY<br>VENTS/PROCESS<br>VENTS | N/A                      | R115B-2       | 30 TAC Chapter 115, Vent<br>Gas Controls               | No changing attributes. |
| 62-61-3                       | FLARES  | N/A                      | R111-1        | 30 TAC Chapter 111,<br>Visible Emissions               | No changing attributes. |
| 62-61-3                       | FLARES  | N/A                      | R115H-1       | 30 TAC Chapter 115,<br>HRVOC Vent Gas                  | No changing attributes. |
| 62-61-4                       | FLARES  | N/A                      | R111-1        | 30 TAC Chapter 111,<br>Visible Emissions               | No changing attributes. |
| 62-61-4                       | FLARES  | N/A                      | R115H-2       | 30 TAC Chapter 115,<br>HRVOC Vent Gas                  | No changing attributes. |
| 62-61-5                       | FLARES  | N/A                      | R111-1        | 30 TAC Chapter 111,<br>Visible Emissions               | No changing attributes. |
| 62-61-5                       | FLARES  | N/A                      | R115H-2       | 30 TAC Chapter 115,<br>HRVOC Vent Gas                  | No changing attributes. |
| 62-95-121                     | LOADING/UNLOADIN<br>G OPERATIONS                        | N/A                      | R5211-0102    | 30 TAC Chapter 115,<br>Loading and Unloading of<br>VOC | No changing attributes. |
| 62-95-CDSL                    | LOADING/UNLOADIN<br>G OPERATIONS                        | N/A                      | R5211-0008    | 30 TAC Chapter 115,<br>Loading and Unloading of<br>VOC | No changing attributes. |
| 62-95-FHE                     | LOADING/UNLOADIN<br>G OPERATIONS                        | N/A                      | R5211-0008    | 30 TAC Chapter 115,<br>Loading and Unloading of<br>VOC | No changing attributes. |

## Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type                    | Group/Inclusive<br>Units | SOP Index No. | Regulation   | Requirement Driver      |
|-------------------------------|------------------------------|--------------------------|---------------|--|-------------------------|
| 62-95-FHW                     | LOADING/UNLOADING OPERATIONS | N/A                      | R5211-0008    | 30 TAC Chapter 115,<br>Loading and Unloading of<br>VOC | No changing attributes. |
| 62-95-GEN                     | LOADING/UNLOADING OPERATIONS | N/A                      | R5211-0008    | 30 TAC Chapter 115,<br>Loading and Unloading of<br>VOC | No changing attributes. |
| 62-36-3                       | PROCESS<br>HEATERS/FURNACES  | N/A                      | R117B-4       | 30 TAC Chapter 117,<br>Subchapter B                    | No changing attributes. |
| 62-36-4                       | PROCESS<br>HEATERS/FURNACES  | N/A                      | R117B-4       | 30 TAC Chapter 117,<br>Subchapter B                    | No changing attributes. |
| 62-36-8                       | PROCESS<br>HEATERS/FURNACES  | N/A                      | R117B-4       | 30 TAC Chapter 117,<br>Subchapter B                    | No changing attributes. |
| 62-16-38                      | SRIC ENGINES                 | N/A                      | R7300-3       | 30 TAC Chapter 117,<br>Subchapter B                    | No changing attributes. |
| 62-16-38                      | SRIC ENGINES                 | N/A                      | REMOTE RICE   | 40 CFR Part 63, Subpart<br>ZZZZ                        | No changing attributes. |
| 62-16-38A                     | SRIC ENGINES                 | N/A                      | R7300-3       | 30 TAC Chapter 117,<br>Subchapter B                    | No changing attributes. |
| 62-16-38A                     | SRIC ENGINES                 | N/A                      | REMOTE RICE   | 40 CFR Part 63, Subpart<br>ZZZZ                        | No changing attributes. |
| 62-16-38B                     | SRIC ENGINES                 | N/A                      | R7300-3       | 30 TAC Chapter 117,<br>Subchapter B                    | No changing attributes. |
| 62-16-38B                     | SRIC ENGINES                 | N/A                      | REMOTE RICE   | 40 CFR Part 63, Subpart<br>ZZZZ                        | No changing attributes. |

## Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type                | Group/Inclusive<br>Units | SOP Index No. | Regulation                             | Requirement Driver      |
|-------------------------------|--------------------------|--------------------------|---------------|--|-------------------------|
| 62-16-39                      | SRIC ENGINES             | N/A                      | R7300-2       | 30 TAC Chapter 117,<br>Subchapter B    | No changing attributes. |
| 62-16-39                      | SRIC ENGINES             | N/A                      | REMOTE RICE   | 40 CFR Part 63, Subpart<br>ZZZZ        | No changing attributes. |
| 62-32-11                      | SRIC ENGINES             | N/A                      | R7300-1       | 30 TAC Chapter 117,<br>Subchapter B    | No changing attributes. |
| 62-32-11                      | SRIC ENGINES             | N/A                      | 63ZZZZ-2      | 40 CFR Part 63, Subpart<br>ZZZZ        | No changing attributes. |
| 62-32-56                      | SRIC ENGINES             | N/A                      | R7300-1       | 30 TAC Chapter 117,<br>Subchapter B    | No changing attributes. |
| 62-32-56                      | SRIC ENGINES             | N/A                      | 63ZZZZ-1      | 40 CFR Part 63, Subpart<br>ZZZZ        | No changing attributes. |
| 62-32-56A                     | SRIC ENGINES             | N/A                      | R7300-1       | 30 TAC Chapter 117,<br>Subchapter B    | No changing attributes. |
| 62-32-56A                     | SRIC ENGINES             | N/A                      | 63ZZZZ-1      | 40 CFR Part 63, Subpart<br>ZZZZ        | No changing attributes. |
| 62-95-118                     | STORAGE<br>TANKS/VESSELS | N/A                      | R5112-3       | 30 TAC Chapter 115,<br>Storage of VOCs | No changing attributes. |
| 62-95-121                     | STORAGE<br>TANKS/VESSELS | N/A                      | R5112-7       | 30 TAC Chapter 115,<br>Storage of VOCs | No changing attributes. |
| 62-95-201                     | STORAGE<br>TANKS/VESSELS | N/A                      | R5112-56      | 30 TAC Chapter 115,<br>Storage of VOCs | No changing attributes. |
| 62-95-CT07                    | STORAGE<br>TANKS/VESSELS | N/A                      | R5112-56      | 30 TAC Chapter 115,<br>Storage of VOCs | No changing attributes. |

### Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type                | Group/Inclusive<br>Units | SOP Index No. | Regulation                             | Requirement Driver      |
|-------------------------------|--------------------------|--------------------------|---------------|--|-------------------------|
| 62-95-CT08                    | STORAGE<br>TANKS/VESSELS | N/A                      | R5112-56      | 30 TAC Chapter 115,<br>Storage of VOCs | No changing attributes. |
| 62-95-CT09                    | STORAGE<br>TANKS/VESSELS | N/A                      | R5112-56      | 30 TAC Chapter 115,<br>Storage of VOCs | No changing attributes. |
| 62-95-CT10                    | STORAGE<br>TANKS/VESSELS | N/A                      | R5112-56      | 30 TAC Chapter 115,<br>Storage of VOCs | No changing attributes. |
| 62-95-CT12                    | STORAGE<br>TANKS/VESSELS | N/A                      | R5112-56      | 30 TAC Chapter 115,<br>Storage of VOCs | 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) |
|---------------------------|-------------------------|---------------|---------------------|---------------------------------------|---|--|---|--|---|
| 62-36-3                   | EP                      | R111-1        | OPACITY             | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(1)(A)<br>§ 111.111(a)(1)(E)                            | Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.   | [G]§ 111.111(a)(1)(F)<br>** See Periodic Monitoring Summary                           | None   | None                                      |
| 62-36-4                   | EP                      | R111-1        | OPACITY             | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(1)(A)<br>§ 111.111(a)(1)(E)                            | Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.   | [G]§ 111.111(a)(1)(F)<br>** See Periodic Monitoring Summary                           | None   | None                                      |
| 62-61-3-HDR               | EP                      | R5121-0012    | VOC                 | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(1)<br>§ 115.122(a)(1)<br>§ 115.122(a)(1)(B)<br>§ 60.18 | No person may allow a vent gas stream containing VOC to be emitted from any process vent, unless the vent gas stream is burned properly in accordance with §115.122(a)(1) of this title. | [G]§ 115.125<br>§ 115.126(1)<br>§ 115.126(1)(B)<br>§ 115.126(2)<br>** See CAM Summary | § 115.126<br>§ 115.126(1)<br>§ 115.126(1)(B)<br>§ 115.126(2)             | None                                      |
| 62-61-4-HDR               | EP                      | R5121-0012    | VOC                 | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(1)<br>§ 115.122(a)(1)<br>§ 115.122(a)(1)(B)<br>§ 60.18 | No person may allow a vent gas stream containing VOC to be emitted from any process vent, unless the vent gas stream is burned properly in accordance with §115.122(a)(1) of this title. | [G]§ 115.125<br>§ 115.126(1)<br>§ 115.126(1)(B)<br>§ 115.126(2)<br>** See CAM Summary | § 115.126<br>§ 115.126(1)<br>§ 115.126(1)(B)<br>§ 115.126(2)             | None                                      |
| 62-61-5-HDR               | EP                      | R5121-0012    | VOC                 | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(1)<br>§ 115.122(a)(1)<br>§ 115.122(a)(1)(B)<br>§ 60.18 | No person may allow a vent gas stream containing VOC to be emitted from any process vent, unless the vent gas stream is burned properly in accordance with §115.122(a)(1) of this title. | [G]§ 115.125<br>§ 115.126(1)<br>§ 115.126(1)(B)<br>§ 115.126(2)<br>** See CAM Summary | § 115.126<br>§ 115.126(1)<br>§ 115.126(1)(B)<br>§ 115.126(2)             | None                                      |
| 62-95-126                 | EP                      | R115H-3       | HIGHLY REACTIVE VOC | 30 TAC Chapter 115, HRVOC Vent Gas    | § 115.727(f)<br>§ 115.722(d)<br>§ 115.722(d)(1)<br>§ 115.722(d)(2)  | All sites that are subject to this division and that are located in the Houston/Galveston/   | § 115.725(n)  | § 115.726(d)(1)<br>§ 115.726(d)(2)<br>§ 115.726(d)(3)<br>§ 115.726(d)(4) | § 115.725(n)                              |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant           | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation   | Textual Description (See Special Term and Condition 1.B.)   | Monitoring And Testing Requirements                             | Recordkeeping Requirements (30 TAC § 122.144)                | Reporting Requirements (30 TAC § 122.145)             |
|---------------------------|-------------------------|---------------|---------------------|---------------------------------------|---|---|---|--|---|
|                           |                         |               |                     |                                       |   | Brazoria area as defined in §115.10 of this title (relating to Definitions), excluding Harris County, are exempt from § 115.722(b) and (c)(2) of this title, except as provided in § 115.729(a)(3) of this title (relating to Counties and Compliance Schedules). |   | § 115.726(i)<br>§ 115.726(j)(1)<br>§ 115.726(j)(2)           |   |
| 62-95-126                 | EP                      | R115B-3       | VOC                 | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(1)<br>§ 115.122(a)(1)<br>§ 115.122(a)(1)(B)<br>§ 60.18 | No person may allow a vent gas stream containing VOC to be emitted from any process vent, unless the vent gas stream is burned properly in accordance with §115.122(a)(1) of this title.  | [G]§ 115.125<br>§ 115.126(1)<br>§ 115.126(1)(B)<br>§ 115.126(2) | § 115.126<br>§ 115.126(1)<br>§ 115.126(1)(B)<br>§ 115.126(2) | None  |
| 62-95-207                 | EP                      | R115B-4       | VOC                 | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(A)<br>[G]§ 115.122(a)(4)<br>§ 115.127(a)(2)         | A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).   | [G]§ 115.125<br>§ 115.126(2)                                    | § 115.126<br>§ 115.126(2)<br>§ 115.126(4)                    | None  |
| 62-95-208                 | EP                      | R115B-4       | VOC                 | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(A)<br>[G]§ 115.122(a)(4)<br>§ 115.127(a)(2)         | A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).   | [G]§ 115.125<br>§ 115.126(2)                                    | § 115.126<br>§ 115.126(2)<br>§ 115.126(4)                    | None  |
| 62-95-209                 | EP                      | R115H-6       | HIGHLY REACTIVE VOC | 30 TAC Chapter 115, HRVOC Vent Gas    | § 115.727(f)<br>§ 115.725(a)(1)(A)<br>§ 115.725(a)(1)(B)            | All sites that are subject to this division and that are located in the   | § 115.725(a)<br>§ 115.725(a)(1)(A)<br>§ 115.725(a)(1)(B)        | § 115.726(b)(1)<br>§ 115.726(b)(2)<br>§ 115.726(b)(3)        | [G]§ 115.725(a)(4)<br>§ 115.725(a)(5)<br>§ 115.725(n) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant           | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation  | Textual Description (See Special Term and Condition 1.B.)   | Monitoring And Testing Requirements   | Recordkeeping Requirements (30 TAC § 122.144)   | Reporting Requirements (30 TAC § 122.145)                                   |
|---------------------------|-------------------------|---------------|---------------------|---------------------------------------|--|---|---|---|---|
|                           |                         |               |                     |                                       | § 115.725(a)(1)(C)<br>§ 115.725(a)(3)<br>[G]§ 115.725(a)(4)<br>[G]§ 115.725(l)<br>[G]§ 115.726(a)(2)   | Houston/Galveston/Brazoria area as defined in §115.10 of this title (relating to Definitions), excluding Harris County, are exempt from § 115.722(b) and (c)(2) of this title, except as provided in § 115.729(a)(3) of this title (relating to Counties and Compliance Schedules).   | § 115.725(a)(1)(C)<br>§ 115.725(a)(3)<br>§ 115.725(a)(3)(B)<br>[G]§ 115.725(a)(4)<br>§ 115.725(a)(5)<br>[G]§ 115.725(l)<br>§ 115.725(n)   | § 115.726(i)<br>§ 115.726(j)(1)<br>§ 115.726(j)(2)  | [G]§ 115.726(a)(2)  |
| 62-95-209                 | EP                      | R115B-5       | VOC                 | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(A)<br>[G]§ 115.122(a)(4)<br>§ 115.127(a)(2)  | A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).   | [G]§ 115.125<br>§ 115.126(2)  | § 115.126<br>§ 115.126(2)<br>§ 115.126(4)   | None  |
| 62-95-210                 | EP                      | R115H-6       | HIGHLY REACTIVE VOC | 30 TAC Chapter 115, HRVOC Vent Gas    | § 115.727(f)<br>§ 115.725(a)(1)(A)<br>§ 115.725(a)(1)(B)<br>§ 115.725(a)(1)(C)<br>§ 115.725(a)(3)<br>[G]§ 115.725(a)(4)<br>[G]§ 115.725(l)<br>[G]§ 115.726(a)(2) | All sites that are subject to this division and that are located in the Houston/Galveston/Brazoria area as defined in §115.10 of this title (relating to Definitions), excluding Harris County, are exempt from § 115.722(b) and (c)(2) of this title, except as provided in § 115.729(a)(3) of this title (relating to Counties and Compliance Schedules). | § 115.725(a)<br>§ 115.725(a)(1)(A)<br>§ 115.725(a)(1)(B)<br>§ 115.725(a)(1)(C)<br>§ 115.725(a)(3)<br>§ 115.725(a)(3)(B)<br>[G]§ 115.725(a)(4)<br>§ 115.725(a)(5)<br>[G]§ 115.725(l)<br>§ 115.725(n) | § 115.726(b)(1)<br>§ 115.726(b)(2)<br>§ 115.726(b)(3)<br>§ 115.726(i)<br>§ 115.726(j)(1)<br>§ 115.726(j)(2) | [G]§ 115.725(a)(4)<br>§ 115.725(a)(5)<br>§ 115.725(n)<br>[G]§ 115.726(a)(2) |
| 62-95-210                 | EP                      | R115B-5       | VOC                 | 30 TAC Chapter 115, Vent Gas Controls | § 115.127(a)(2)(A)<br>[G]§ 115.122(a)(4)<br>§ 115.127(a)(2)  | A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any   | [G]§ 115.125<br>§ 115.126(2)  | § 115.126<br>§ 115.126(2)<br>§ 115.126(4)   | None  |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant           | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation   | Textual Description (See Special Term and Condition 1.B.)   | Monitoring And Testing Requirements                             | Recordkeeping Requirements (30 TAC § 122.144)  | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|---------------------|---------------------------------------|---|---|---|--|---|
|                           |                         |               |                     |                                       |   | continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).   |   |  |   |
| 62-FLMW                   | EP                      | R115H-4       | HIGHLY REACTIVE VOC | 30 TAC Chapter 115, HRVOC Vent Gas    | § 115.727(f)<br>§ 115.722(d)<br>§ 115.722(d)(1)<br>§ 115.722(d)(2)  | All sites that are subject to this division and that are located in the Houston/Galveston/Brazoria area as defined in §115.10 of this title (relating to Definitions), excluding Harris County, are exempt from § 115.722(b) and (c)(2) of this title, except as provided in § 115.729(a)(3) of this title (relating to Counties and Compliance Schedules). | § 115.725(n)  | § 115.726(d)(1)<br>§ 115.726(d)(2)<br>§ 115.726(d)(3)<br>§ 115.726(d)(4)<br>§ 115.726(i)<br>§ 115.726(j)(1)<br>§ 115.726(j)(2) | § 115.725(n)                              |
| 62-FLMW                   | EP                      | R115B-2       | VOC                 | 30 TAC Chapter 115, Vent Gas Controls | § 115.121(a)(1)<br>§ 115.122(a)(1)<br>§ 115.122(a)(1)(B)<br>§ 60.18 | No person may allow a vent gas stream containing VOC to be emitted from any process vent, unless the vent gas stream is burned properly in accordance with §115.122(a)(1) of this title.  | [G]§ 115.125<br>§ 115.126(1)<br>§ 115.126(1)(B)<br>§ 115.126(2) | § 115.126<br>§ 115.126(1)<br>§ 115.126(1)(B)<br>§ 115.126(2)   | None                                      |
| 62-61-3                   | EU                      | R111-1        | OPACITY             | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A)  | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b).  | § 111.111(a)(4)(A)(i)<br>§ 111.111(a)(4)(A)(ii)                 | § 111.111(a)(4)(A)(ii)   | None                                      |
| 62-61-3                   | EP                      | R115H-1       | HIGHLY REACTIVE VOC | 30 TAC Chapter 115, HRVOC Vent Gas    | § 115.727(b)(2)<br>§ 115.727(b)                                     | The flare is exempt from the continuous monitoring requirements of § 115.725(d)-(k) of this title   | None  | § 115.726(e)(2)<br>§ 115.726(j)(2)   | None                                      |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant           | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation  | Textual Description (See Special Term and Condition 1.B.)  | Monitoring And Testing Requirements  | Recordkeeping Requirements (30 TAC § 122.144)   | Reporting Requirements (30 TAC § 122.145)                |
|---------------------------|-------------------------|---------------|---------------------|---------------------------------------|--|--|--|---|--|
|                           |                         |               |                     |                                       |  | (relating to Monitoring and Testing Requirements) and § 115.726(d) of this title (relating to Recordkeeping and Recording Requirements) and is therefore not required to submit a quality assurance plan under § 115.726(a) of this title. |  |   |  |
| 62-61-4                   | EU                      | R111-1        | OPACITY             | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A)   | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b).   | § 111.111(a)(4)(A)(i)<br>§ 111.111(a)(4)(A)(ii)  | § 111.111(a)(4)(A)(ii)  | None   |
| 62-61-4                   | EP                      | R115H-2       | HIGHLY REACTIVE VOC | 30 TAC Chapter 115, HRVOC Vent Gas    | § 115.722(d)<br>§ 115.722(d)(1)<br>§ 115.722(d)(2)<br>[G]§ 115.725(d)(1)<br>§ 115.725(d)(2)<br>§ 115.725(d)(2)(A)(i)<br>[G]§ 115.725(d)(2)(A)(ii)<br>§ 115.725(d)(2)(A)(iii)<br>)<br>§ 115.725(d)(2)(A)(iv)<br>)<br>§ 115.725(d)(2)(B)<br>§ 115.725(d)(2)(B)(i)<br>§ 115.725(d)(2)(B)(ii)<br>§ | All flares must continuously meet the requirements of 40 CFR § 60.18(c)(2)-(6) and (d) as amended through October 17, 2000 (65 FR 61744) when vent gas containing HRVOC is being routed to the flare.                                      | [G]§ 115.725(d)(1)<br>§ 115.725(d)(2)<br>§ 115.725(d)(2)(A)(i)<br>[G]§ 115.725(d)(2)(A)(ii)<br>§ 115.725(d)(2)(A)(iii)<br>§ 115.725(d)(2)(A)(iv)<br>§ 115.725(d)(2)(B)<br>§ 115.725(d)(2)(B)(i)<br>§ 115.725(d)(2)(B)(ii)<br>§ 115.725(d)(2)(B)(iii)<br>§ 115.725(d)(2)(B)(iv)<br>§ 115.725(d)(3)<br>§ 115.725(d)(4) | § 115.726(a)(1)<br>§ 115.726(a)(1)(A)<br>§ 115.726(d)(1)<br>§ 115.726(d)(10)<br>§ 115.726(d)(2)<br>§ 115.726(d)(3)<br>§ 115.726(d)(4)<br>§ 115.726(i)<br>§ 115.726(j)(1)<br>§ 115.726(j)(2) | § 115.725(n)<br>§ 115.726(a)(1)(B)<br>[G]§ 115.726(a)(2) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant           | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation  | Textual Description (See Special Term and Condition 1.B.)   | Monitoring And Testing Requirements   | Recordkeeping Requirements (30 TAC § 122.144)   | Reporting Requirements (30 TAC § 122.145)                |
|---------------------------|-------------------------|---------------|---------------------|---------------------------------------|--|---|---|---|--|
|                           |                         |               |                     |                                       | 115.725(d)(2)(B)(iii)<br>§<br>115.725(d)(2)(B)(iv)<br>[G]§ 115.725(l)<br>§ 115.725(m)(2)(A)<br>§ 115.725(m)(2)(B)<br>[G]§ 115.726(a)(2)  |   | § 115.725(d)(5)<br>§ 115.725(d)(6)<br>§ 115.725(d)(7)<br>§ 115.725(k)(1)<br>[G]§ 115.725(l)<br>§ 115.725(m)(1)<br>§ 115.725(m)(2)(A)<br>§ 115.725(m)(2)(B)<br>§ 115.725(n)  |   |  |
| 62-61-5                   | EU                      | R111-1        | OPACITY             | 30 TAC Chapter 111, Visible Emissions | § 111.111(a)(4)(A)   | Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b).                  | § 111.111(a)(4)(A)(i)<br>§ 111.111(a)(4)(A)(ii)   | § 111.111(a)(4)(A)(ii)  | None   |
| 62-61-5                   | EP                      | R115H-2       | HIGHLY REACTIVE VOC | 30 TAC Chapter 115, HRVOC Vent Gas    | § 115.722(d)<br>§ 115.722(d)(1)<br>§ 115.722(d)(2)<br>[G]§ 115.725(d)(1)<br>§ 115.725(d)(2)<br>§ 115.725(d)(2)(A)(i)<br>[G]§<br>115.725(d)(2)(A)(ii)<br>§<br>115.725(d)(2)(A)(iii)<br>§<br>115.725(d)(2)(A)(iv)<br>§ 115.725(d)(2)(B)<br>§<br>115.725(d)(2)(B)(i)<br>§<br>115.725(d)(2)(B)(ii)<br>§<br>115.725(d)(2)(B)(iii) | All flares must continuously meet the requirements of 40 CFR § 60.18(c)(2)-(6) and (d) as amended through October 17, 2000 (65 FR 61744) when vent gas containing HRVOC is being routed to the flare. | [G]§ 115.725(d)(1)<br>§ 115.725(d)(2)<br>§<br>115.725(d)(2)(A)(i)<br>[G]§<br>115.725(d)(2)(A)(ii)<br>§<br>115.725(d)(2)(A)(iii)<br>§<br>115.725(d)(2)(A)(iv)<br>§ 115.725(d)(2)(B)<br>§<br>115.725(d)(2)(B)(i)<br>§<br>115.725(d)(2)(B)(ii)<br>§<br>115.725(d)(2)(B)(iii)<br>§<br>115.725(d)(2)(B)(iv)<br>§ 115.725(d)(3)<br>§ 115.725(d)(4)<br>§ 115.725(d)(5) | § 115.726(a)(1)<br>§ 115.726(a)(1)(A)<br>§ 115.726(d)(1)<br>§ 115.726(d)(10)<br>§ 115.726(d)(2)<br>§ 115.726(d)(3)<br>§ 115.726(d)(4)<br>§ 115.726(i)<br>§ 115.726(j)(1)<br>§ 115.726(j)(2) | § 115.725(n)<br>§ 115.726(a)(1)(B)<br>[G]§ 115.726(a)(2) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name            | Emission Limitation, Standard or Equipment Specification Citation  | Textual Description (See Special Term and Condition 1.B.)   | Monitoring And Testing Requirements   | Recordkeeping Requirements (30 TAC § 122.144)                              | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|--|--|---|---|--|---|
|                           |                         |               |           |  | )<br>§ 115.725(d)(2)(B)(iv)<br>[G]§ 115.725(l)<br>§ 115.725(m)(2)(A)<br>§ 115.725(m)(2)(B)<br>[G]§ 115.726(a)(2)   |   | § 115.725(d)(6)<br>§ 115.725(d)(7)<br>§ 115.725(k)(1)<br>[G]§ 115.725(l)<br>§ 115.725(m)(1)<br>§ 115.725(m)(2)(A)<br>§ 115.725(m)(2)(B)<br>§ 115.725(n) |  |   |
| 62-95-121                 | EU                      | R5211-0102    | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.212(a)(3)<br>§ 115.212(a)(2)<br>§ 115.212(a)(3)(A)<br>§ 115.212(a)(3)(A)(i)<br>§ 115.212(a)(3)(B)<br>[G]§ 115.212(a)(3)(C)<br>§ 115.212(a)(3)(D)<br>§ 115.214(a)(1)(B)<br>§ 115.214(a)(1)(C) | All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.   | § 115.212(a)(3)(B)<br>§ 115.214(a)(1)(A)<br>§ 115.214(a)(1)(A)(i)<br>§ 115.214(a)(1)(A)(ii)<br>§ 115.214(a)(1)(A)(iii)                                  | § 115.216<br>§ 115.216(3)(A)<br>§ 115.216(3)(A)(i)<br>§ 115.216(3)(A)(iii) | None                                      |
| 62-95-CDSL                | EU                      | R5211-0008    | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(a)(1)<br>§ 115.212(a)(2)<br>§ 115.214(a)(1)(B)<br>§ 115.214(a)(1)(D)<br>§ 115.214(a)(1)(D)(i)  | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified. | § 115.214(a)(1)(A)<br>§ 115.214(a)(1)(A)(i)<br>§ 115.215<br>§ 115.215(4)  | § 115.216<br>§ 115.216(2)<br>§ 115.216(3)(B)                               | None                                      |
| 62-95-FHE                 | EU                      | R5211-0008    | VOC       | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(a)(1)<br>§ 115.212(a)(2)<br>§ 115.214(a)(1)(B)<br>§ 115.214(a)(1)(D)<br>§ 115.214(a)(1)(D)(i)  | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified. | § 115.214(a)(1)(A)<br>§ 115.214(a)(1)(A)(i)<br>§ 115.215<br>§ 115.215(4)  | § 115.216<br>§ 115.216(2)<br>§ 115.216(3)(B)                               | None                                      |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant       | State Rule or Federal Regulation Name            | Emission Limitation, Standard or Equipment Specification Citation  | Textual Description (See Special Term and Condition 1.B.)   | Monitoring And Testing Requirements  | Recordkeeping Requirements (30 TAC § 122.144)                      | Reporting Requirements (30 TAC § 122.145)   |
|---------------------------|-------------------------|---------------|-----------------|--|--|---|--|--|---|
| 62-95-FHW                 | EU                      | R5211-0008    | VOC             | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(a)(1)<br>§ 115.212(a)(2)<br>§ 115.214(a)(1)(B)<br>§ 115.214(a)(1)(D)<br>§ 115.214(a)(1)(D)(i)  | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.   | § 115.214(a)(1)(A)<br>§ 115.214(a)(1)(A)(i)<br>§ 115.215<br>§ 115.215(4)   | § 115.216<br>§ 115.216(2)<br>§ 115.216(3)(B)                       | None  |
| 62-95-GEN                 | EU                      | R5211-0008    | VOC             | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(a)(1)<br>§ 115.212(a)(2)<br>§ 115.214(a)(1)(B)<br>§ 115.214(a)(1)(D)<br>§ 115.214(a)(1)(D)(i)  | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.   | § 115.214(a)(1)(A)<br>§ 115.214(a)(1)(A)(i)<br>§ 115.215<br>§ 115.215(4)   | § 115.216<br>§ 115.216(2)<br>§ 115.216(3)(B)                       | None  |
| 62-36-3                   | EU                      | R117B-4       | NO <sub>x</sub> | 30 TAC Chapter 117, Subchapter B                 | § 117.310(d)(3)<br>§ 117.310(a)<br>§ 117.310(a)(8)(A)(ii)<br>§ 117.310(b)<br>[G]§ 117.310(e)(1)<br>§ 117.310(e)(2)<br>[G]§ 117.310(e)(3)<br>§ 117.310(e)(4)<br>§ 117.340(l)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(C)<br>§ 117.340(p)(3) | An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO <sub>x</sub> emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320. | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(l)(2)<br>§ 117.340(o)(1)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(A)<br>§ 117.340(p)(2)(B)<br>§ 117.340(p)(2)(C)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(1)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d) | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9) | § 117.335(b)<br>§ 117.335(g)<br>§ 117.340(p)(2)(D)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>§ 117.8010(2)(C)<br>§ 117.8010(2)(D)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[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)   |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|--|---|--|--|---|
| 62-36-3                   | EU                      | R117B-4       | CO              | 30 TAC Chapter 117, Subchapter B      | § 117.310(c)(1)<br>§ 117.310(c)(1)(B)<br>§ 117.310(c)(3)   | CO emissions must not exceed 400 ppmv at 3.0% O <sub>2</sub> , dry basis.   | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(2)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8120<br>§ 117.8120(2)<br>[G]§ 117.8120(2)(A)<br>§ 117.8120(2)(B)  | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9) | § 117.335(b)<br>§ 117.335(g)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[G]§ 117.8010(8)   |
| 62-36-4                   | EU                      | R117B-4       | NO <sub>x</sub> | 30 TAC Chapter 117, Subchapter B      | § 117.310(d)(3)<br>§ 117.310(a)<br>§ 117.310(a)(8)(A)(ii)<br>§ 117.310(b)<br>[G]§ 117.310(e)(1)<br>§ 117.310(e)(2)<br>[G]§ 117.310(e)(3)<br>§ 117.310(e)(4)<br>§ 117.340(l)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(C)<br>§ 117.340(p)(3) | An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO <sub>x</sub> emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320. | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(l)(2)<br>§ 117.340(o)(1)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(A)<br>§ 117.340(p)(2)(B)<br>§ 117.340(p)(2)(C)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(1)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d) | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9) | § 117.335(b)<br>§ 117.335(g)<br>§ 117.340(p)(2)(D)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>§ 117.8010(2)(C)<br>§ 117.8010(2)(D)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[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)   |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|--|---|--|--|---|
| 62-36-4                   | EU                      | R117B-4       | CO              | 30 TAC Chapter 117, Subchapter B      | § 117.310(c)(1)<br>§ 117.310(c)(1)(B)<br>§ 117.310(c)(3)   | CO emissions must not exceed 400 ppmv at 3.0% O <sub>2</sub> , dry basis.   | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(2)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8120<br>§ 117.8120(2)<br>[G]§ 117.8120(2)(A)<br>§ 117.8120(2)(B)  | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9) | § 117.335(b)<br>§ 117.335(g)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[G]§ 117.8010(8)   |
| 62-36-8                   | EU                      | R117B-4       | NO <sub>x</sub> | 30 TAC Chapter 117, Subchapter B      | § 117.310(d)(3)<br>§ 117.310(a)<br>§ 117.310(a)(8)(A)(ii)<br>§ 117.310(b)<br>[G]§ 117.310(e)(1)<br>§ 117.310(e)(2)<br>[G]§ 117.310(e)(3)<br>§ 117.310(e)(4)<br>§ 117.340(l)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(C)<br>§ 117.340(p)(3) | An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO <sub>x</sub> emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320. | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(l)(2)<br>§ 117.340(o)(1)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(A)<br>§ 117.340(p)(2)(B)<br>§ 117.340(p)(2)(C)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(1)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d) | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9) | § 117.335(b)<br>§ 117.335(g)<br>§ 117.340(p)(2)(D)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>§ 117.8010(2)(C)<br>§ 117.8010(2)(D)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[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)  |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|---|---|--|--|
| 62-36-8                   | EU                      | R117B-4       | CO              | 30 TAC Chapter 117, Subchapter B      | § 117.310(c)(1)<br>§ 117.310(c)(1)(B)<br>§ 117.310(c)(3)  | CO emissions must not exceed 400 ppmv at 3.0% O <sub>2</sub> , dry basis.   | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(2)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8120<br>§ 117.8120(2)<br>[G]§ 117.8120(2)(A)<br>§ 117.8120(2)(B)   | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9) | § 117.335(b)<br>§ 117.335(g)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[G]§ 117.8010(8)  |
| 62-16-38                  | EU                      | R7300-3       | NO <sub>x</sub> | 30 TAC Chapter 117, Subchapter B      | § 117.310(d)(3)<br>§ 117.310(a)<br>§ 117.310(a)(9)(A)(ii)<br>§ 117.310(b)<br>[G]§ 117.310(e)(1)<br>§ 117.310(e)(2)<br>[G]§ 117.310(e)(3)<br>§ 117.310(e)(4)<br>§ 117.340(l)(2)<br>§ 117.340(o)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(C)<br>§ 117.340(p)(3) | An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO <sub>x</sub> emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320. | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(h)<br>§ 117.340(l)(2)<br>§ 117.340(o)(1)<br>§ 117.340(o)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(A)<br>§ 117.340(p)(2)(B)<br>§ 117.340(p)(2)(C)<br>§ 117.345(f)(3)(A)<br>§ 117.345(f)(3)(A)(ii)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(1) | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9) | § 117.335(b)<br>§ 117.335(g)<br>§ 117.340(p)(2)(D)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>[G]§ 117.345(e)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>§ 117.8010(2)(C)<br>§ 117.8010(2)(D)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[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<br>(30 TAC § 122.144)                   | Reporting Requirements<br>(30 TAC § 122.145)   |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|--|---|--|--|
|                           |                         |               |           |                                       |   |  | § 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8140(a)<br>§ 117.8140(a)(1)<br>§ 117.8140(a)(2)<br>§ 117.8140(a)(2)(A)<br>[G]§<br>117.8140(a)(2)(B)<br>§ 117.8140(b)  |  |  |
| 62-16-38                  | EU                      | R7300-3       | CO        | 30 TAC Chapter 117, Subchapter B      | § 117.310(c)(1)<br>§ 117.310(c)(1)(B)                             | CO emissions must not exceed 3.0 g/hp-hr for stationary internal combustion engines. | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(h)<br>§ 117.345(f)(3)<br>§ 117.345(f)(3)(A)<br>§<br>117.345(f)(3)(A)(ii)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(2)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8120<br>§ 117.8120(2)<br>[G]§ 117.8120(2)(A)<br>§ 117.8120(2)(B)<br>§ 117.8140(a)<br>§ 117.8140(a)(1)<br>§ 117.8140(a)(2)<br>§ 117.8140(a)(2)(A)<br>[G]§ | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9) | § 117.335(b)<br>§ 117.335(g)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>[G]§ 117.345(e)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[G]§ 117.8010(8) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant       | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation   | Textual Description (See Special Term and Condition 1.B.)   | Monitoring And Testing Requirements  | Recordkeeping Requirements (30 TAC § 122.144)   | Reporting Requirements (30 TAC § 122.145)  |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|---|--|---|--|
|                           |                         |               |                 |                                       |   |   | 117.8140(a)(2)(B)<br>§ 117.8140(b)   |   |  |
| 62-16-38                  | EU                      | REMOTE RICE   | 112(B) HAPS     | 40 CFR Part 63, Subpart ZZZZ          | § 63.6603<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart ZZZZ  | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ   | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart ZZZZ   | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart ZZZZ  |
| 62-16-38A                 | EU                      | R7300-3       | NO <sub>x</sub> | 30 TAC Chapter 117, Subchapter B      | § 117.310(d)(3)<br>§ 117.310(a)<br>§ 117.310(a)(9)(A)(ii)<br>§ 117.310(b)<br>[G]§ 117.310(e)(1)<br>§ 117.310(e)(2)<br>[G]§ 117.310(e)(3)<br>§ 117.310(e)(4)<br>§ 117.340(l)(2)<br>§ 117.340(o)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(C)<br>§ 117.340(p)(3) | An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO <sub>x</sub> emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320. | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(h)<br>§ 117.340(l)(2)<br>§ 117.340(o)(1)<br>§ 117.340(o)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(A)<br>§ 117.340(p)(2)(B)<br>§ 117.340(p)(2)(C)<br>§ 117.345(f)(3)(A)<br>§ 117.345(f)(3)(A)(ii)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(1)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8140(a) | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9)  | § 117.335(b)<br>§ 117.335(g)<br>§ 117.340(p)(2)(D)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>[G]§ 117.345(e)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>§ 117.8010(2)(C)<br>§ 117.8010(2)(D)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[G]§ 117.8010(8) |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant   | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.)                            | Monitoring And Testing Requirements   | Recordkeeping Requirements (30 TAC § 122.144)                      | Reporting Requirements (30 TAC § 122.145)  |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|--|---|--|--|
|                           |                         |               |             |                                       |   |  | § 117.8140(a)(1)<br>§ 117.8140(a)(2)<br>§ 117.8140(a)(2)(A)<br>[G]§<br>117.8140(a)(2)(B)<br>§ 117.8140(b)   |  |  |
| 62-16-38A                 | EU                      | R7300-3       | CO          | 30 TAC Chapter 117, Subchapter B      | § 117.310(c)(1)<br>§ 117.310(c)(1)(B)                             | CO emissions must not exceed 3.0 g/hp-hr for stationary internal combustion engines. | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(h)<br>§ 117.345(f)(3)<br>§ 117.345(f)(3)(A)<br>§<br>117.345(f)(3)(A)(ii)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(2)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8120<br>§ 117.8120(2)<br>[G]§ 117.8120(2)(A)<br>§ 117.8120(2)(B)<br>§ 117.8140(a)<br>§ 117.8140(a)(1)<br>§ 117.8140(a)(2)<br>§ 117.8140(a)(2)(A)<br>[G]§<br>117.8140(a)(2)(B)<br>§ 117.8140(b) | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9) | § 117.335(b)<br>§ 117.335(g)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>[G]§ 117.345(e)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[G]§ 117.8010(8) |
| 62-16-38A                 | EU                      | REMOTE RICE   | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ          | § 63.6603<br>The permit holder                                    | The permit holder shall comply with the applicable                                   | The permit holder shall comply with   | The permit holder shall comply with the                            | The permit holder shall comply with the  |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant       | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation   | Textual Description (See Special Term and Condition 1.B.)   | Monitoring And Testing Requirements   | Recordkeeping Requirements<br>(30 TAC § 122.144)                      | Reporting Requirements<br>(30 TAC § 122.145)   |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|---|---|---|--|
|                           |                         |               |                 |                                       | shall comply with the applicable limitation, standard and/or equipment requirements of 40 CFR Part 63, Subpart ZZZZ   | requirements of 40 CFR Part 63, Subpart ZZZZ  | the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart ZZZZ  | applicable recordkeeping requirements of 40 CFR Part 63, Subpart ZZZZ | applicable reporting requirements of 40 CFR Part 63, Subpart ZZZZ  |
| 62-16-38B                 | EU                      | R7300-3       | NO <sub>x</sub> | 30 TAC Chapter 117, Subchapter B      | § 117.310(d)(3)<br>§ 117.310(a)<br>§ 117.310(a)(9)(A)(ii)<br>§ 117.310(b)<br>[G]§ 117.310(e)(1)<br>§ 117.310(e)(2)<br>[G]§ 117.310(e)(3)<br>§ 117.310(e)(4)<br>§ 117.340(l)(2)<br>§ 117.340(o)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(C)<br>§ 117.340(p)(3) | An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO <sub>x</sub> emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320. | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(h)<br>§ 117.340(l)(2)<br>§ 117.340(o)(1)<br>§ 117.340(o)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(A)<br>§ 117.340(p)(2)(B)<br>§ 117.340(p)(2)(C)<br>§ 117.345(f)(3)(A)<br>§ 117.345(f)(3)(A)(ii)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(1)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8140(a)<br>§ 117.8140(a)(1)<br>§ 117.8140(a)(2)<br>§ 117.8140(a)(2)(A)<br>[G]§ 117.8140(a)(2)(B) | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9)    | § 117.335(b)<br>§ 117.335(g)<br>§ 117.340(p)(2)(D)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>[G]§ 117.345(e)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>§ 117.8010(2)(C)<br>§ 117.8010(2)(D)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[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<br>(30 TAC § 122.144)  | Reporting Requirements<br>(30 TAC § 122.145)   |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|---|---|---|---|--|
|                           |                         |               |             |                                       |   |   | § 117.8140(b)   |   |  |
| 62-16-38B                 | EU                      | R7300-3       | CO          | 30 TAC Chapter 117, Subchapter B      | § 117.310(c)(1)<br>§ 117.310(c)(1)(B)   | CO emissions must not exceed 3.0 g/hp-hr for stationary internal combustion engines.            | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(h)<br>§ 117.345(f)(3)<br>§ 117.345(f)(3)(A)<br>§<br>117.345(f)(3)(A)(ii)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(2)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8120<br>§ 117.8120(2)<br>[G]§ 117.8120(2)(A)<br>§ 117.8120(2)(B)<br>§ 117.8140(a)<br>§ 117.8140(a)(1)<br>§ 117.8140(a)(2)<br>§ 117.8140(a)(2)(A)<br>[G]§<br>117.8140(a)(2)(B)<br>§ 117.8140(b) | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9)  | § 117.335(b)<br>§ 117.335(g)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>[G]§ 117.345(e)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[G]§ 117.8010(8) |
| 62-16-38B                 | EU                      | REMOTE RICE   | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ          | § 63.6603<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63,   | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart ZZZZ  |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant       | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation   | Textual Description (See Special Term and Condition 1.B.)   | Monitoring And Testing Requirements  | Recordkeeping Requirements (30 TAC § 122.144)                      | Reporting Requirements (30 TAC § 122.145)  |
|---------------------------|-------------------------|---------------|-----------------|---------------------------------------|---|---|--|--|--|
|                           |                         |               |                 |                                       | requirements of 40 CFR Part 63, Subpart ZZZZ  |   | Subpart ZZZZ   |  |  |
| 62-16-39                  | EU                      | R7300-2       | NO <sub>x</sub> | 30 TAC Chapter 117, Subchapter B      | § 117.310(d)(3)<br>§ 117.310(a)<br>§ 117.310(a)(9)(B)(ii)<br>§ 117.310(b)<br>[G]§ 117.310(e)(1)<br>§ 117.310(e)(2)<br>[G]§ 117.310(e)(3)<br>§ 117.310(e)(4)<br>§ 117.340(l)(2)<br>§ 117.340(o)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(C)<br>§ 117.340(p)(3) | An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO <sub>x</sub> emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320. | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)<br>§ 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(h)<br>§ 117.340(l)(2)<br>§ 117.340(o)(1)<br>§ 117.340(o)(2)<br>§ 117.340(p)(1)<br>§ 117.340(p)(2)(A)<br>§ 117.340(p)(2)(B)<br>§ 117.340(p)(2)(C)<br>§ 117.345(f)(3)(A)<br>§ 117.345(f)(3)(A)(ii)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(1)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8140(a)<br>§ 117.8140(a)(1)<br>§ 117.8140(a)(2)<br>§ 117.8140(a)(2)(A)<br>[G]§ 117.8140(a)(2)(B)<br>§ 117.8140(b) | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)<br>§ 117.345(f)(9) | § 117.335(b)<br>§ 117.335(g)<br>§ 117.340(p)(2)(D)<br>[G]§ 117.345(b)<br>[G]§ 117.345(c)<br>[G]§ 117.345(e)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>§ 117.8010(2)(C)<br>§ 117.8010(2)(D)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[G]§ 117.8010(8) |
| 62-16-39                  | EU                      | R7300-2       | CO              | 30 TAC Chapter 117, Subchapter B      | § 117.310(c)(1)<br>§ 117.310(c)(1)(B)   | CO emissions must not exceed 3.0 g/hp-hr for stationary internal  | [G]§ 117.335(a)(1)<br>§ 117.335(a)(4)<br>§ 117.335(b)  | § 117.345(a)<br>§ 117.345(f)<br>§ 117.345(f)(1)                    | § 117.335(b)<br>§ 117.335(g)<br>[G]§ 117.345(b)  |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant   | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation  | Textual Description (See Special Term and Condition 1.B.)                                       | Monitoring And Testing Requirements  | Recordkeeping Requirements<br>(30 TAC § 122.144)  | Reporting Requirements<br>(30 TAC § 122.145)  |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|--|---|--|---|---|
|                           |                         |               |             |                                       |  | combustion engines.   | § 117.335(d)<br>§ 117.335(e)<br>§ 117.335(g)<br>§ 117.340(a)<br>§ 117.340(h)<br>§ 117.345(f)(3)<br>§ 117.345(f)(3)(A)<br>§ 117.345(f)(3)(A)(ii)<br>§ 117.8000(b)<br>§ 117.8000(c)<br>§ 117.8000(c)(2)<br>§ 117.8000(c)(3)<br>§ 117.8000(c)(5)<br>§ 117.8000(c)(6)<br>[G]§ 117.8000(d)<br>§ 117.8120<br>§ 117.8120(2)<br>[G]§ 117.8120(2)(A)<br>§ 117.8120(2)(B)<br>§ 117.8140(a)<br>§ 117.8140(a)(1)<br>§ 117.8140(a)(2)<br>§ 117.8140(a)(2)(A)<br>[G]§ 117.8140(a)(2)(B)<br>§ 117.8140(b) | § 117.345(f)(9)   | [G]§ 117.345(c)<br>[G]§ 117.345(e)<br>§ 117.8010<br>[G]§ 117.8010(1)<br>§ 117.8010(2)<br>§ 117.8010(2)(A)<br>§ 117.8010(2)(B)<br>[G]§ 117.8010(3)<br>§ 117.8010(4)<br>[G]§ 117.8010(5)<br>§ 117.8010(6)<br>[G]§ 117.8010(7)<br>[G]§ 117.8010(8) |
| 62-16-39                  | EU                      | REMOTE RICE   | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ          | § 63.6603<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart ZZZZ   | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart ZZZZ   |
| 62-32-11                  | EU                      | R7300-1       | EXEMPT      | 30 TAC Chapter                        | [G]§ 117.303(a)(10)  | Units exempted from the   | None   | § 117.340(j)  | 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<br>(30 TAC § 122.144)  | Reporting Requirements<br>(30 TAC § 122.145)  |
|---------------------------|-------------------------|---------------|----------------|---------------------------------------|--|--|--|---|---|
|                           |                         |               |                | 117, Subchapter B                     | [G]§ 117.310(f)  | provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include any stationary diesel engine placed into service before October 1, 2001, that operates less than 100 hours per year, based on a rolling 12-month average; and has not been modified, reconstructed, or relocated on or after October 1, 2001. §117.303(a)(10)(A)-(B) |  | [G]§ 117.345(f)(10)<br>[G]§ 117.345(f)(6)   |   |
| 62-32-11                  | EU                      | 63ZZZZ-2      | 112(B)<br>HAPS | 40 CFR Part 63,<br>Subpart ZZZZ       | § 63.6603<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ  | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart ZZZZ |
| 62-32-56                  | EU                      | R7300-1       | EXEMPT         | 30 TAC Chapter 117, Subchapter B      | [G]§ 117.303(a)(10)<br>[G]§ 117.310(f)   | Units exempted from the provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include any stationary diesel engine placed into service before October 1, 2001, that operates less than 100 hours per year, based on a  | None   | § 117.340(j)<br>[G]§ 117.345(f)(10)<br>[G]§ 117.345(f)(6)   | 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)   |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|--|--|--|---|---|
|                           |                         |               |             |                                       |  | rolling 12-month average; and has not been modified, reconstructed, or relocated on or after October 1, 2001. §117.303(a)(10)(A)-(B)   |  |   |   |
| 62-32-56                  | EU                      | 63ZZZZ-1      | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ          | § 63.6603<br>The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ  | The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart ZZZZ | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart ZZZZ |
| 62-32-56A                 | EU                      | R7300-1       | EXEMPT      | 30 TAC Chapter 117, Subchapter B      | [G]§ 117.303(a)(10)<br>[G]§ 117.310(f)   | Units exempted from the provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include any stationary diesel engine placed into service before October 1, 2001, that operates less than 100 hours per year, based on a rolling 12-month average; and has not been modified, reconstructed, or relocated on or after October 1, 2001. §117.303(a)(10)(A)-(B) | None   | § 117.340(j)<br>[G]§ 117.345(f)(10)<br>[G]§ 117.345(f)(6)   | None  |
| 62-32-56A                 | EU                      | 63ZZZZ-1      | 112(B) HAPS | 40 CFR Part 63, Subpart ZZZZ          | § 63.6603<br>The permit holder shall comply with the applicable limitation, standard   | The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ  | The permit holder shall comply with the applicable monitoring and testing  | The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR                       | The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart ZZZZ |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation           | Textual Description (See Special Term and Condition 1.B.)  | Monitoring And Testing Requirements                | Recordkeeping Requirements (30 TAC § 122.144)                               | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|--|--|---|---|
|                           |                         |               |           |                                       | and/or equipment specification requirements of 40 CFR Part 63, Subpart ZZZZ |  | requirements of 40 CFR Part 63, Subpart ZZZZ       | Part 63, Subpart ZZZZ   |   |
| 62-95-118                 | EU                      | R5112-3       | 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)<br>§ 115.118(a)(5)<br>§ 115.118(a)(7)                       | None                                      |
| 62-95-121                 | EU                      | R5112-7       | VOC       | 30 TAC Chapter 115, Storage of VOCs   | § 115.112(e)(1)   | No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate. | [G]§ 115.117<br>** See Periodic Monitoring Summary | § 115.118(a)(5)<br>§ 115.118(a)(7)  | None                                      |
| 62-95-201                 | EU                      | R5112-56      | 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)<br>§ 115.118(a)(5)<br>§ 115.118(a)(6)(A)<br>§ 115.118(a)(7) | None                                      |
| 62-95-CT07                | EU                      | R5112-56      | VOC       | 30 TAC Chapter                        | § 115.111(a)(1)   | Except as provided in §  | [G]§ 115.117                                       | § 115.118(a)(1)   | None                                      |

## Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation | Textual Description (See Special Term and Condition 1.B.)   | Monitoring And Testing Requirements | Recordkeeping Requirements (30 TAC § 122.144)                               | Reporting Requirements (30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|---|---|-------------------------------------|---|---|
|                           |                         |               |           | 115, Storage of VOCs                  |   | 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.                         |                                     | § 115.118(a)(5)<br>§ 115.118(a)(6)(A)<br>§ 115.118(a)(7)                    |   |
| 62-95-CT08                | EU                      | R5112-56      | 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)<br>§ 115.118(a)(5)<br>§ 115.118(a)(6)(A)<br>§ 115.118(a)(7) | None                                      |
| 62-95-CT09                | EU                      | R5112-56      | 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)<br>§ 115.118(a)(5)<br>§ 115.118(a)(6)(A)<br>§ 115.118(a)(7) | None                                      |
| 62-95-CT10                | EU                      | R5112-56      | 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)<br>§ 115.118(a)(5)<br>§ 115.118(a)(6)(A)<br>§ 115.118(a)(7) | None                                      |
| 62-95-CT12                | EU                      | R5112-56      | 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)<br>§ 115.118(a)(5)<br>§ 115.118(a)(6)(A)<br>§ 115.118(a)(7) | None                                      |

**Additional Monitoring Requirements**

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**Periodic Monitoring Summary..... 49**

## CAM Summary

| <b>Unit/Group/Process Information</b>  |                                |
|--|--------------------------------|
| ID No.: 62-61-3-HDR  |                                |
| Control Device ID No.: 62-61-3   | Control Device Type: Flare     |
| <b>Applicable Regulatory Requirement</b>   |                                |
| Name: 30 TAC Chapter 115, Vent Gas Controls  | SOP Index No.: R5121-0012      |
| Pollutant: VOC   | Main Standard: § 115.121(a)(1) |
| <b>Monitoring Information</b>  |                                |
| Indicator: Pilot flame   |                                |
| Minimum Frequency: Continuous  |                                |
| Averaging Period: N.A.   |                                |
| Deviation Limit: Absence of all pilot flames shall be considered and reported as a deviation.  |                                |
| CAM Text: The flare shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with the manufacturers' specifications. |                                |

### CAM Summary

| <b>Unit/Group/Process Information</b>  |                                |
|--|--------------------------------|
| ID No.: 62-61-4-HDR  |                                |
| Control Device ID No.: 62-61-4   | Control Device Type: Flare     |
| <b>Applicable Regulatory Requirement</b>   |                                |
| Name: 30 TAC Chapter 115, Vent Gas Controls  | SOP Index No.: R5121-0012      |
| Pollutant: VOC   | Main Standard: § 115.121(a)(1) |
| <b>Monitoring Information</b>  |                                |
| Indicator: Pilot flame   |                                |
| Minimum Frequency: Continuous  |                                |
| Averaging Period: N.A.   |                                |
| Deviation Limit: Absence of all pilot flames shall be considered and reported as a deviation.  |                                |
| CAM Text: The flare shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with the manufacturers' specifications. |                                |

### CAM Summary

| <b>Unit/Group/Process Information</b>  |                                |
|--|--------------------------------|
| ID No.: 62-61-5-HDR  |                                |
| Control Device ID No.: 62-61-5   | Control Device Type: Flare     |
| <b>Applicable Regulatory Requirement</b>   |                                |
| Name: 30 TAC Chapter 115, Vent Gas Controls  | SOP Index No.: R5121-0012      |
| Pollutant: VOC   | Main Standard: § 115.121(a)(1) |
| <b>Monitoring Information</b>  |                                |
| Indicator: Pilot flame   |                                |
| Minimum Frequency: Continuous  |                                |
| Averaging Period: N.A.   |                                |
| Deviation Limit: Absence of all pilot flames shall be considered and reported as a deviation.  |                                |
| CAM Text: The flare shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with the manufacturers' specifications. |                                |

## Periodic Monitoring Summary

| <b>Unit/Group/Process Information</b>   |                                   |
|---|-----------------------------------|
| ID No.: 62-36-3   |                                   |
| Control Device ID No.: N.A.   | Control Device Type: N.A.         |
| <b>Applicable Regulatory Requirement</b>  |                                   |
| Name: 30 TAC Chapter 111, Visible Emissions   | SOP Index No.: R111-1             |
| Pollutant: OPACITY  | Main Standard: § 111.111(a)(1)(A) |
| <b>Monitoring Information</b>   |                                   |
| Indicator: Visible Emissions  |                                   |
| Minimum Frequency: Once per week  |                                   |
| Averaging Period: n/a   |                                   |
| Deviation Limit: Presence of visible emissions.   |                                   |
| <p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p> |                                   |

## Periodic Monitoring Summary

| <b>Unit/Group/Process Information</b>   |                                   |
|---|-----------------------------------|
| ID No.: 62-36-4   |                                   |
| Control Device ID No.: N.A.   | Control Device Type: N.A.         |
| <b>Applicable Regulatory Requirement</b>  |                                   |
| Name: 30 TAC Chapter 111, Visible Emissions   | SOP Index No.: R111-1             |
| Pollutant: OPACITY  | Main Standard: § 111.111(a)(1)(A) |
| <b>Monitoring Information</b>   |                                   |
| Indicator: Visible Emissions  |                                   |
| Minimum Frequency: Once per week  |                                   |
| Averaging Period: n/a   |                                   |
| Deviation Limit: Presence of visible emissions.   |                                   |
| <p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p> |                                   |

## Periodic Monitoring Summary

| <b>Unit/Group/Process Information</b>  |                                |
|--|--------------------------------|
| ID No.: 62-95-121  |                                |
| Control Device ID No.: N/A   | Control Device Type: N/A       |
| <b>Applicable Regulatory Requirement</b>   |                                |
| Name: 30 TAC Chapter 115, Storage of VOCs  | SOP Index No.: R5112-7         |
| Pollutant: VOC   | Main Standard: § 115.112(e)(1) |
| <b>Monitoring Information</b>  |                                |
| Indicator: Structural Integrity of the Pipe  |                                |
| Minimum Frequency: Emptied and degassed  |                                |
| Averaging Period: n/a  |                                |
| Deviation Limit: Failure to inspect and determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed shall be considered and reported as a deviation.   |                                |
| 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

| <b>Unit/Group/Process Information</b>  |                                |
|--|--------------------------------|
| ID No.: 62-95-121  |                                |
| Control Device ID No.: N/A   | Control Device Type: N/A       |
| <b>Applicable Regulatory Requirement</b>   |                                |
| Name: 30 TAC Chapter 115, Storage of VOCs  | SOP Index No.: R5112-7         |
| Pollutant: VOC   | Main Standard: § 115.112(e)(1) |
| <b>Monitoring Information</b>  |                                |
| Indicator: Record of Tank Construction Specifications  |                                |
| Minimum Frequency: n/a   |                                |
| Averaging Period: n/a  |                                |
| Deviation Limit: Failure to keep a record of tank construction specification shall be considered and reported as a deviation.  |                                |
| <p>Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.</p> |                                |

**Permit Shield**

**Permit Shield ..... 54**

## 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 |  |  |
| 62-61-3            | N/A                   | 40 CFR Part 60, Subpart A                        | Flare not used to control a process or unit subject to 40 CFR Part 60 or 61.                                   |
| 62-61-4            | N/A                   | 40 CFR Part 60, Subpart A                        | Flare not used to control a process or unit subject to 40 CFR Part 60 or 61.                                   |
| 62-61-5            | N/A                   | 40 CFR Part 60, Subpart A                        | Flare not used to control a process or unit subject to 40 CFR Part 60 or 61.                                   |
| 62-61-CT11         | N/A                   | 30 TAC Chapter 111, Visible Emissions            | Flare used for emergency or upset only.  |
| 62-61-CT11         | N/A                   | 40 CFR Part 60, Subpart A                        | Flare not used to control a process or unit subject to 40 CFR Part 60 or 61.                                   |
| 62-0-0             | N/A                   | 30 TAC Chapter 115, Fugitives Pet Ref B Counties | Site does not contain a process listed in 115.352.   |
| 62-0-0             | N/A                   | 30 TAC Chapter 115, HRVOC Fugitive Emissions     | Site does not contain a process listed in 115.780.   |
| 62-32-AIRC         | N/A                   | 30 TAC Chapter 117, Subchapter B                 | Unit does not meet requirements of a stationary internal combustion engine.                                    |
| 62-32-WELD         | N/A                   | 30 TAC Chapter 117, Subchapter B                 | Unit does not meet requirements of a stationary internal combustion engine.                                    |
| PAINT              | N/A                   | 30 TAC Chapter 115, Surface Coating Operations   | Painting operations at the site are not listed in the affected sources category for surface coating processes. |

## 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 |                                     |   |
| 62-95-118          | N/A                   | 40 CFR Part 60, Subpart Kb          | Tank capacity is less than 10,000 gallons.  |
| 62-95-119          | N/A                   | 30 TAC Chapter 115, Storage of VOCs | Storage capacity of tank unit is less than 1,000 gallons.   |
| 62-95-119          | N/A                   | 40 CFR Part 60, Subpart Kb          | Tank capacity is less than 10,000 gallons.  |
| 62-95-121          | N/A                   | 40 CFR Part 60, Subpart K           | Tank capacity is less than 40,000 gallons.  |
| 62-95-138          | N/A                   | 30 TAC Chapter 115, Storage of VOCs | Storage capacity of tank unit is less than 1,000 gallons.   |
| 62-95-138          | N/A                   | 40 CFR Part 60, Subpart Kb          | Tank capacity is less than 10,000 gallons.  |
| 62-95-140          | N/A                   | 30 TAC Chapter 115, Storage of VOCs | Storage capacity of tank unit is less than 1,000 gallons.   |
| 62-95-140          | N/A                   | 40 CFR Part 60, Subpart Kb          | Tank capacity is less than 10,000 gallons.  |
| 62-95-201          | N/A                   | 40 CFR Part 60, Subpart Kb          | Per TCEQ Air Rule Interpretation 60Kb.004, brine ponds are not subject to 40 CFR Part 60, Subpart Kb. |
| 62-95-CDSL         | N/A                   | 30 TAC Chapter 115, Storage of VOCs | Storage capacity of tank unit is less than 1,000 gallons.   |
| 62-95-CDSL         | N/A                   | 40 CFR Part 60, Subpart Kb          | Tank capacity is less than 10,000 gallons.  |
| 62-95-CGAS         | N/A                   | 30 TAC Chapter 115, Storage of VOCs | Tank in motor vehicle fuel dispensing service has a storage capacity less 25,000 gallons.             |

## Permit Shield

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

| Unit/Group/Process |                       | Regulation                          | Basis of Determination  |
|--------------------|-----------------------|-------------------------------------|---|
| ID No.             | Group/Inclusive Units |                                     |   |
| 62-95-CGAS         | N/A                   | 40 CFR Part 60, Subpart Kb          | Tank capacity is less than 10,000 gallons.  |
| 62-95-CT07         | N/A                   | 40 CFR Part 60, Subpart Kb          | Per TCEQ Air Rule Interpretation 60Kb.004, brine ponds are not subject to 40 CFR Part 60, Subpart Kb. |
| 62-95-CT08         | N/A                   | 40 CFR Part 60, Subpart Kb          | Per TCEQ Air Rule Interpretation 60Kb.004, brine ponds are not subject to 40 CFR Part 60, Subpart Kb. |
| 62-95-CT09         | N/A                   | 40 CFR Part 60, Subpart Kb          | Per TCEQ Air Rule Interpretation 60Kb.004, brine ponds are not subject to 40 CFR Part 60, Subpart Kb. |
| 62-95-CT10         | N/A                   | 40 CFR Part 60, Subpart Kb          | Per TCEQ Air Rule Interpretation 60Kb.004, brine ponds are not subject to 40 CFR Part 60, Subpart Kb. |
| 62-95-CT12         | N/A                   | 40 CFR Part 60, Subpart Kb          | Per TCEQ Air Rule Interpretation 60Kb.004, brine ponds are not subject to 40 CFR Part 60, Subpart Kb. |
| 62-95-FHE          | N/A                   | 30 TAC Chapter 115, Storage of VOCs | Storage capacity of tank unit is less than 1,000 gallons.   |
| 62-95-FHE          | N/A                   | 40 CFR Part 60, Subpart Kb          | Tank capacity is less than 10,000 gallons.  |
| 62-95-FHW          | N/A                   | 30 TAC Chapter 115, Storage of VOCs | Storage capacity of tank unit is less than 1,000 gallons.   |

## Permit Shield

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

| Unit/Group/Process |                       | Regulation                          | Basis of Determination   |
|--------------------|-----------------------|-------------------------------------|--|
| ID No.             | Group/Inclusive Units |                                     |  |
| 62-95-FHW          | N/A                   | 40 CFR Part 60, Subpart Kb          | Tank capacity is less than 10,000 gallons.   |
| 62-95-GEN          | N/A                   | 40 CFR Part 60, Subpart Kb          | Tank capacity is less than 10,000 gallons.   |
| 62-95-PGAS         | N/A                   | 30 TAC Chapter 115, Storage of VOCs | Tank in motor vehicle fuel dispensing service has a storage capacity less than 25,000 gallons. |
| 62-95-PGAS         | N/A                   | 40 CFR Part 60, Subpart Kb          | Tank capacity is less than 10,000 gallons.   |

**New Source Review Authorization References**

**New Source Review Authorization References ..... 59**

**New Source Review Authorization References by Emission Unit..... 60**

## New Source Review Authorization References

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

| <b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b> |                              |
|---|------------------------------|
| Authorization No.: 19718  | Issuance Date: 11/01/2013    |
| <b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>  |                              |
| Number: 106.261   | Version No./Date: 03/14/1997 |
| Number: 106.261   | Version No./Date: 11/01/2003 |
| Number: 106.262   | Version No./Date: 11/01/2003 |
| Number: 106.263   | Version No./Date: 11/01/2001 |
| Number: 106.355   | Version No./Date: 11/01/2001 |
| Number: 106.472   | Version No./Date: 09/04/2000 |
| Number: 106.478   | Version No./Date: 09/04/2000 |
| Number: 106.511   | Version No./Date: 09/04/2000 |
| Number: 51  | Version No./Date: 11/05/1986 |

### 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 |
|---------------------------|------------------------------------|---------------------------------|
| 62-0-0                    | FUGITIVES                          | 19718                           |
| 62-16-38A                 | COMPRESSOR ENGINE                  | 19718                           |
| 62-16-38B                 | COMPRESSOR ENGINE                  | 19718                           |
| 62-16-38                  | COMPRESSOR ENGINE                  | 19718                           |
| 62-16-39                  | COMPRESSOR ENGINE                  | 19718                           |
| 62-32-11                  | DIESEL ENGINE                      | 19718                           |
| 62-32-56A                 | FIRE PUMP ENGINE                   | 19718                           |
| 62-32-56                  | FIRE PUMP ENGINE                   | 19718                           |
| 62-32-AIRC                | PORTABLE AIR COMPRESSOR ENGINE     | 106.511/09/04/2000              |
| 62-32-WELD                | PORTABLE WELDING ENGINE            | 106.511/09/04/2000              |
| 62-36-3                   | HEATER F-3                         | 19718                           |
| 62-36-4                   | HEATER F-4                         | 19718                           |
| 62-36-8                   | HEATER F-8                         | 19718                           |
| 62-61-3-HDR               | SOUR BRINE DEGASSING FLARE HEADER  | 19718                           |
| 62-61-3                   | SOUR BRINE DEGASSING FLARE         | 19718                           |
| 62-61-4-HDR               | SWEET BRINE DEGASSING FLARE HEADER | 19718                           |
| 62-61-4                   | SWEET BRINE DEGASSING FLARE        | 19718                           |
| 62-61-5-HDR               | MAIN PROCESS FLARE HEADER          | 19718                           |

### 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 |
|---------------------------|--------------------------------|---------------------------------|
| 62-61-5                   | MAIN PROCESS FLARE             | 19718                           |
| 62-61-CT11                | BRINE DEGASSING PIT FLARE      | 19718                           |
| 62-95-118                 | ETHYLENE GLYCOL TANK           | 19718                           |
| 62-95-119                 | NORTH LUBE TANK                | 106.478/09/04/2000              |
| 62-95-121                 | METHANOL STORAGE TANK          | 106.478/09/04/2000              |
| 62-95-126                 | SWEET BRINE DEGASSING          | 19718                           |
| 62-95-138                 | SOUTH LUBE TANK                | 106.478/09/04/2000              |
| 62-95-140                 | ETHYLENE GLYCOL TANK           | 106.478/09/04/2000              |
| 62-95-201                 | BRINE DEGASSING PIT            | 19718                           |
| 62-95-207                 | SOUR BRINE POND VENT           | 19718                           |
| 62-95-208                 | SOUR BRINE POND VENT           | 19718                           |
| 62-95-209                 | SWEET BRINE POND VENT          | 106.261/03/14/1997              |
| 62-95-210                 | SWEET BRINE POND VENT          | 106.261/03/14/1997              |
| 62-95-CDSL                | CONTRACTOR DIESEL TANK         | 106.478/09/04/2000              |
| 62-95-CGAS                | CONTRACTOR GASOLINE TANK       | 106.478/09/04/2000              |
| 62-95-CT07                | SOUR BRINE POND                | 19718                           |
| 62-95-CT08                | SOUR BRINE POND                | 19718                           |
| 62-95-CT09                | SWEET BRINE POND               | 051/11/05/1986                  |

### New Source Review Authorization References by Emissions Unit

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| Unit/Group/Process<br>ID No. | Emission Unit Name/Description | New Source Review Authorization |
|------------------------------|--------------------------------|---------------------------------|
| 62-95-CT10                   | SWEET BRINE POND               | 051/11/05/1986                  |
| 62-95-CT12                   | BRINE DEGASSING PIT            | 106.472/09/04/2000              |
| 62-95-FHE                    | FIREHOUSE DIESEL TANK EAST     | 106.478/09/04/2000              |
| 62-95-FHW                    | FIREHOUSE DIESEL TANK WEST     | 106.478/09/04/2000              |
| 62-95-GEN                    | GENERATOR TANK                 | 106.478/09/04/2000              |
| 62-95-PGAS                   | PROCESS AREA GASOLINE TANK     | 106.478/09/04/2000              |
| 62-FLMW                      | FLMW VENT                      | 19718                           |
| PAINT                        | PAINTING OPERATIONS            | 19718                           |

**Appendix A**

**Acronym List ..... 64**

## 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 <sub>2</sub> 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 <sub>x</sub>  | ..... | nitrogen oxides                                   |
| NSPS             | ..... | New Source Performance Standard (40 CFR Part 60)  |
| NSR              | ..... | New Source Review                                 |
| ORIS             | ..... | Office of Regulatory Information Systems          |
| Pb               | ..... | lead  |
| PBR              | ..... | Permit By Rule                                    |
| PM               | ..... | particulate matter                                |
| ppmv             | ..... | parts per million by volume                       |
| PSD              | ..... | prevention of significant deterioration           |
| RO               | ..... | Responsible Official                              |
| SO <sub>2</sub>  | ..... | sulfur dioxide                                    |
| TCEQ             | ..... | Texas Commission on Environmental Quality         |
| TSP              | ..... | total suspended particulate                       |
| TVP              | ..... | true vapor pressure                               |
| U.S.C.           | ..... | United States Code                                |
| VOC              | ..... | volatile organic compound                         |