

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO

Equistar Chemicals, LP

AUTHORIZING THE OPERATION OF

Equistar Victoria Plant
Plastics Materials

LOCATED AT

Victoria County, Texas

Latitude 28° 40' 53" Longitude 096° 57' 00"

Regulated Entity Number: RN100215276

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: O1308 Issuance Date: October 14, 2013

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 FFFF and ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.890 and 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
- (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
 - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
 - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

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

under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

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

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

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the

observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A)
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

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

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following

periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

- (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
- (2) Records of all observations shall be maintained.
- (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity

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

- D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
 - (ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
 - (iii) Title 30 TAC § 111.213 (relating to Exception for Hydrocarbon Burning)
 - (iv) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
 - (v) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)

4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: “Storage of Volatile Organic Compounds,” the permit holder shall comply with the requirements of 30 TAC § 115.112(b)(1).
5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
 - A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 125,000 gallons of gasoline in any calendar month after January 1, 1999, 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)(C) (relating to Recordkeeping Requirements)
 - B. When filling stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons at a Stage I motor vehicle fuel dispensing facility, 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
6. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)

- E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
7. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:
- A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
 - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
 - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
 - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
 - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
 - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
 - G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
 - H. Title 40 CFR § 61.15 (relating to Modification)
 - I. Title 40 CFR § 61.19 (relating to Circumvention)
8. For facilities where total annual benzene quantity from waste is less than 1 megagram per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(5)(i) - (ii), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures
 - B. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)
 - C. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)
 - D. Title 40 CFR § 61.357(a), and (b) (relating to Reporting Requirements)

9. 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.
10. For miscellaneous chemical process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.2485, Table 7, the permit holder shall comply with the requirements of 40 CFR § 63.105 (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).
11. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

12. 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

13. 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
14. 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.
15. 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

16. 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.
17. Use of Discrete Emission Credits to comply with the applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

Risk Management Plan

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

Protection of Stratospheric Ozone

- 19. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone.
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance

with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

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

Temporary Fuel Shortages (30 TAC § 112.15)

- 20. The permit holder shall comply with the following 30 TAC Chapter 112 requirements:
 - A. Title 30 TAC § 112.15 (relating to Temporary Fuel Shortage Plan Filing Requirements)
 - B. Title 30 TAC § 112.16(a), (a)(1), and (a)(2)(B) - (c) (relating to Temporary Fuel Shortage Plan Operating Requirements)
 - C. Title 30 TAC § 112.17 (relating to Temporary Fuel Shortage Plan Notification Procedures)
 - D. Title 30 TAC § 112.18 (relating to Temporary Fuel Shortage Plan Reporting Requirements)

Permit Location

- 21. 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)

- 22. 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 on the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Schedules

Applicable Requirements Summary

Unit Summary17

Applicable Requirements Summary 35

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

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PRO-BATCH1	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-BVNT1	40 CFR Part 63, Subpart FFFF	No changing attributes.
11	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-007	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	2265701401, HIC3206, HIC3257, HIC3305, HV3210, HV3366	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-009	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	PCV4152-1, PCV4153-1, PCV4202-1, PCV4212-1	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-016	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	16, 2214701402, 2214701421, HV1812	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-017	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	17, 2265701409, 2265701610, 2265701701, HV3209, HV3261, HV3310, HV3365, HV3427, L-17	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-165	EMISSION POINTS/STATIONARY	165, 166, 167, 2242701001,	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS	2242701021, 2242701023, 2242701029, 2242701032, 330			
GRP-200	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	200, FB1A, FB1B	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-205	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	205, FB2	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-210	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	210, 22227016A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-220	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	220, 22227016B	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-230	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	22227016C, 230	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-ATM1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	2222701519, 2265701520, V701504	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-ATM2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	PCV4251, PCV4255, PCV7015107, PCV7016103, V701612	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-ATM3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	HCV1723, HCV3428, V22027010A, V22027010B, V28K8686A, V32H30648, V32H7856, V32H7858, V32K30187, V32K7856, V32K8691, V32S7921, V32Z30008A, V32Z30009A, V495A8692A, V496A8694, V631A7846B, V638A7853, V648A7846A, V648A7915, V648A7917, V648A7923, V648B7923, V650A8694, V655A7838A, V655A7839,	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		V655A7843B, V655A7855, V655A7859, V655A8383, V655A8683, V655A8692A, V665A7528, V665A7529, V666A7527, V666A7856, V666A8678, V666A8692B, V693A8383, V7013113A, V7013114A, V82K30662, V82K8681A, V87H30008B, V87H30009B, VA130056A, VA230062, VA330062, VA430088, VC2M30031, VRSF30104			
GRP-ATM4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	350, PSE701052, PSE701053, PSE701073, PSE7011306, PSE701216, PSE7013101,	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PSE7013102, PSE701352, PSE7015107, PSE701516, PSE702217, PSE702312, PSE7202102, PSV701011, PSV701018, PSV7010217, PSV7010236, PSV701031, PSV701052, PSV701062, PSV701111A, PSV701111C, PSV701112, PSV701131, PSV701132, PSV701152, PSV701162, PSV701211, PSV701212, PSV7012121, PSV701237, PSV701312, PSV701353, PSV7013740, PSV701411, PSV701421, PSV701501,			

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PSV701502, PSV701601, PSV701602, PSV7016117, PSV7019102, PSV701912, PSV701922, PSV7024118			
GRP-FVNTB1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	2242701616, FCV1263-1, FCV1363-1, FCV1752, FCV2430, FCV3656, FCV3856, PCV1853, PCV1906, PCV1952, PCV2002, PCV2027, V32B30649, V32H8678, V32K30141, V32K7838B, V32K8678, V32Z8690B, V37AJ7842A, V37B30651, V37M7858C, V37M8690B, V637F7915,	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		V637F7916, V637F7917, V637F7918A, V637F7919B, V637F7921, V638F7846B, V638F7915, V638F7917, V638F7918B, V638F7932, V654F7855, V654F7858C, V654F8690A, V655F7838A, V655F7846A, V655F7858C, V655F7859, V655F8688B, V655F8689, V665F7840A, V665F7857, V665F7921, V665F8383, V665F8683, V665F8691, V666F7856, V666F8692B, V669F7857, V669F7921, V834F30104, V87G7838A,			

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		VAFF30056A			
GRP-FVNTC1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	2202701001, 2202701002, 2202701301, 2202701302, 2232701331, 2232701335, 2232701337, ANALYZER1, ANALYZER2, EDUCTOR 1, EDUCTOR 2, FCV5109, HV2501, HV2502, HV2503, HV2504, HV2505, HV2605, HV2714, HV2826, HV3101, HV3161, HV3630, HV4113, HV4940, HV4954, HV5003, HV6050, HV6055, PCV2006, PCV2151-1, PCV2153-1, PCV2559-1, PCV3151-1, PCV3154-1, PCV3155-1, PCV3563, PCV3823, PCV4055,	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PCV4105, PCV4764, PCV4903, PCV701334, PCV701337, PCV701339, PCV8825			
GRP-FVNTC1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	2202701001, 2202701002, 2202701301, 2202701302, 2232701331, 2232701335, 2232701337, ANALYZER1, ANALYZER2, EDUCTOR 1, EDUCTOR 2, FCV5109, HV2501, HV2502, HV2503, HV2504, HV2505, HV2605, HV2714, HV2826, HV3101, HV3161, HV3630, HV4113, HV4940, HV4954, HV5003, HV6050, HV6055, PCV2006, PCV2151-1, PCV2153-1, PCV2559-1,	63FFFF-CVNT1	40 CFR Part 63, Subpart FFFF	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PCV3151-1, PCV3154-1, PCV3155-1, PCV3563, PCV3823, PCV4055, PCV4105, PCV4764, PCV4903, PCV701334, PCV701337, PCV701339, PCV8825			
GRP-FVNTMV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	V32Z11674, V32Z8678, V666F7842A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-FVNTRD	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	PSE701009, PSE701201, PSE701202, PSE7013013, PSE7013014, PSE7013015, PSE7013016, PSE7013017, PSE7013018, PSE701304, PSE701309, PSE701401, PSE701501,	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PSE702209			
GRP-FVNTRV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	PSV118201, PSV118401, PSV1184031, PSV1184032, PSV700312, PSV7010101, PSV7010111, PSV7010121, PSV701013A, PSV701013B, PSV701013C, PSV701013D, PSV701014A, PSV701014B, PSV701015, PSV7010151, PSV701015A, PSV701015B, PSV701017, PSV7010214, PSV701021A, PSV701021B, PSV7010234, PSV701023A, PSV701023B, PSV701023C, PSV701024, PSV701025, PSV701031A, PSV701031B,	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PSV701036, PSV701041, PSV701043, PSV701044, PSV701045, PSV701051, PSV701053, PSV701061A, PSV701061B, PSV701071A, PSV701071B, PSV701071C, PSV701087, PSV701097, PSV7011102, PSV701111B, PSV7011124, PSV7011126, PSV701113, PSV701114A, PSV701114B, PSV701115, PSV701116, PSV7011212, PSV701122, PSV7011281, PSV701129, PSV701141, PSV701211A, PSV701211B, PSV7012124,			

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PSV7012126, PSV701212A, PSV701213B, PSV701214, PSV701215, PSV701216, PSV7012212, PSV701231, PSV701234, PSV701241, PSV7012471, PSV7012472, PSV7012481, PSV7012501, PSV7012523, PSV701261, PSV701271, PSV701281, PSV701291A, PSV701291B, PSV701307, PSV7013101, PSV7013111, PSV7013116, PSV701311A, PSV701311B, PSV701313, PSV701315, PSV701319, PSV701321, PSV7013211,			

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		PSV701322, PSV701325, PSV7013271, PSV7013272, PSV701329, PSV7013292, PSV7013301, PSV7013-30-1, PSV7013-30-2, PSV701331, PSV701332, PSV70133401, PSV70133701, PSV7013401, PSV701341A, PSV701341B, PSV701344, PSV701346, PSV701351, PSV701392, PSV701534, PSV701611, PSV720217, PSV720218			
12	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
12	FLARES	N/A	60A-2	40 CFR Part 60, Subpart A	FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
12	FLARES	N/A	60A-3	40 CFR Part 60, Subpart	FLARE EXIT VELOCITY = Flare

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				A	exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., HEATING VALUE OF GAS = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
12	FLARES	N/A	60A-4	40 CFR Part 60, Subpart A	FLARE EXIT VELOCITY = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., HEATING VALUE OF GAS = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)
12	FLARES	N/A	63FFFF-FLR1	40 CFR Part 63, Subpart A	FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec), HEATING VALUE OF GAS = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
12	FLARES	N/A	63FFFF-FLR2	40 CFR Part 63, Subpart A	FLARE EXIT VELOCITY = Flare exit velocity is less than 60 ft/s (18.3 m/sec), HEATING VALUE OF GAS = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).
12	FLARES	N/A	63FFFF-FLR3	40 CFR Part 63, Subpart A	FLARE EXIT VELOCITY = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					less than 400 ft/s (122 m/sec)., HEATING VALUE OF GAS = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).
12	FLARES	N/A	63FFFF-FLR4	40 CFR Part 63, Subpart A	FLARE EXIT VELOCITY = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., HEATING VALUE OF GAS = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).
14	FUGITIVE EMISSION UNITS	N/A	63FFFF	40 CFR Part 63, Subpart FFFF	No changing attributes.
14DDD	FUGITIVE EMISSION UNITS	N/A	63FFFF	40 CFR Part 63, Subpart FFFF	No changing attributes.
MONHESYS	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63FFFF-CTW01	40 CFR Part 63, Subpart FFFF	No changing attributes.
305	LOADING/UNLOADING OPERATIONS	N/A	63FFFF-1	40 CFR Part 63, Subpart FFFF	No changing attributes.
310	LOADING/UNLOADING OPERATIONS	N/A	R5211-3	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
310	LOADING/UNLOADING OPERATIONS	N/A	63FFFF-1	40 CFR Part 63, Subpart FFFF	No changing attributes.
GRP-MONLDG	LOADING/UNLOADING	2232701332,	R5211-3	30 TAC Chapter 115,	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	G OPERATIONS	2232701333, 2232701336		Loading and Unloading of VOC	
GRP-MONLDG	LOADING/UNLOADIN G OPERATIONS	2232701332, 2232701333, 2232701336	63FFFF-1	40 CFR Part 63, Subpart FFFF	No changing attributes.
L-DIESELV	LOADING/UNLOADIN G OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
CSC1-D1	SOLVENT DEGREASING MACHINES	N/A	115-CSC1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
340	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
1	STORAGE TANKS/VESSELS	N/A	115B-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
1	STORAGE TANKS/VESSELS	N/A	63FFFF-TK1	40 CFR Part 63, Subpart FFFF	No changing attributes.
2232701334	STORAGE TANKS/VESSELS	N/A	R5112-5	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
2232701334	STORAGE TANKS/VESSELS	N/A	60-KB-5	40 CFR Part 60, Subpart Kb	No changing attributes.
2A	STORAGE TANKS/VESSELS	N/A	115B-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
2A	STORAGE TANKS/VESSELS	N/A	63FFFF-TK1	40 CFR Part 63, Subpart FFFF	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
2B	STORAGE TANKS/VESSELS	N/A	115B-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
2B	STORAGE TANKS/VESSELS	N/A	63FFFF-TK1	40 CFR Part 63, Subpart FFFF	No changing attributes.
PRO-PAINT	SURFACE COATING OPERATIONS	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	No changing attributes.
GRP-SUMP	VOLATILE ORGANIC COMPOUND WATER SEPARATORS	SUMPADD, SUMPCAT, SUMPDIST, SUMPDYWAT, SUMPFIN, SUMPFLARE, SUMPLAB, SUMPNORTH, SUMPPELFIN, SUMPRXAD, SUMPSOUTH, SUMPTANKS, SUMPTRLR	R5131-2	30 TAC Chapter 115, Water Separation	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)
PRO-BATCH1	PRO	63FFFF-BVNT1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.11(b) § 63.2450(b) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2460(c)(2)(i) § 63.2460(c)(2)(ii) § 63.2460(c)(2)(vi) § 63.2460(c)(3) § 63.2460(c)(3)(i) § 63.2460(c)(4) § 63.2460(c)(6) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2460(c)(3)(i) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) [G]§ 63.999(c)(2) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
11	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
11	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						ppmv is exempt from § 115.121(b).			
GRP-007	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-007	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-009	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-009	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-016	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).			
GRP-016	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-017	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-017	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-165	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-165	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-200	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-200	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-205	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-205	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from §	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.121(b).			
GRP-210	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-210	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-220	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-220	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-230	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).			
GRP-230	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-ATM1	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-ATM1	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-ATM2	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-ATM2	EP	R5121-2	VOC	30 TAC Chapter	§ 115.127(b)(2)(B)	A vent gas stream with a	[G]§ 115.125	§ 115.126	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, Vent Gas Controls	§ 115.127(b)(2)	concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	§ 115.126(2)	§ 115.126(2) § 115.126(4)	
GRP-ATM3	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-ATM3	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-ATM4	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(A) § 115.127(b)(2)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(b)(2)-(3) < 100 lb (45.4 kg) in any continuous 24-hour period is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-ATM4	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(b)(2)(B) § 115.127(b)(2)	A vent gas stream with a concentration of the VOC or classes of compounds specified in § 115.121(b)(2)-(3) of this title < 30,000 ppmv is exempt from § 115.121(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-FVNTB1	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2) § 60.18	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None
GRP-FVNTC1	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2) § 60.18	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None
GRP-FVNTC1	EP	63FFFF-CVNT1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) [G]§ 63.999(c)(2) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) § 63.999(c)(7) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
GRP-FVNTMV	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2)	In Nueces and Victoria Counties, any process vent containing one or more	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.18	VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).			
GRP-FVNTRD	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2) § 60.18	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None
GRP-FVNTRV	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(b) § 115.122(b) § 115.122(b)(2) § 60.18	In Nueces and Victoria Counties, any process vent containing one or more VOC or classes of VOC specified in §115.121 (b)(1)-(3), shall be controlled properly in accordance with §115.122(b).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None
12	EU	R1111-1	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) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
12	CD	60A-2	OPACITY	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
12	CD	60A-3	OPACITY	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(iii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) § 60.18(f)(5)	None	None
12	CD	60A-4	OPACITY	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(ii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
12	CD	63FFFF-FLR1	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
12	CD	63FFFF-FLR2	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
12	CD	63FFFF-FLR3	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(ii)	minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.			
12	CD	63FFFF-FLR4	OPACITY	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(ii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
14	EU	63FFFF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF
14DDD	EU	63FFFF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF
MONHESYS	EU	63FFFF-CTW01	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2490(a)-Table10	For each heat exchange system, as defined in	[G]§ 63.104(b)	[G]§ 63.104(e)(2) [G]§ 63.104(f)(1)	[G]§ 63.104(f)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.2490(a) § 63.2490(b) § 63.2490(c)	§63.101, comply with the requirements of §63.104 and the requirements referenced therein except as specified in §63.2490.			
305	EU	63FFFF-1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2475(a)-Table 5.1.b § 63.11(b) § 63.2450(b) § 63.2475(a) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 transfer rack you must reduce emissions of total organic HAP by venting emissions through a closed-vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) [G]§ 63.999(c)(2) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) § 63.999(c)(7) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
310	EU	R5211-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
310	EU	63FFFF-1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2475(a)-Table 5.1.b § 63.11(b)	For each Group 1 transfer rack you must reduce emissions of total organic	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2450(b) § 63.2475(a) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	HAP by venting emissions through a closed-vent system to a flare.	[G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i)	§ 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) [G]§ 63.999(c)(2) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) § 63.999(c)(7) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
GRP-MONLDG	EU	R5211-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
GRP-MONLDG	EU	63FFFF-1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2475(a)-Table 5.1.b § 63.11(b) § 63.2450(b) § 63.2475(a) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group transfer rack you must reduce emissions of total organic HAP by venting emissions through a closed-vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) [G]§ 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) [G]§ 63.999(c)(2) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) § 63.999(c)(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.997(c)(3) § 63.997(c)(3)(i)	§ 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	[G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
L-DIESELV	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
CSC1-D1	EU	115-CSC1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.417(5)	In Gregg, Nueces, and Victoria Counties, operations which can emit, when uncontrolled, a combined weight of VOC < 550 pounds in any consecutive 24-hour period are exempt from § 115.412.	None	§ 115.416 § 115.416(3)	None
340	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(b) [G]§ 63.6640(f)(1)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii § 63.6640(b)	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)
1	EU	115B-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device	§ 115.114(b)(1)(A) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.114(b)(1)(A)	specified in Table I(a) or Table II(a).			
1	EU	63FFFF-TK1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(A) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
2232701334	EU	R5112-5	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.116(b)(2) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117	§ 115.118(b)(4) § 115.118(b)(5)	None
2232701334	EU	60-KB-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						(19,800 gal) used to store VOLs for which construction/reconstruction /modification began after 7/23/84.	§ 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)		
2A	EU	115B-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(b)(1) § 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.114(b)(1)(A)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(b)(1)(A) [G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(2) § 115.118(b)(4) § 115.118(b)(5)	§ 115.114(b)(1)(B)
2A	EU	63FFFF-TK1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(A) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
2B	EU	115B-1	VOC	30 TAC Chapter	§ 115.112(b)(1)	Tanks shall not store VOC	§ 115.114(b)(1)(A)	§ 115.118(b)(2)	§ 115.114(b)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Storage of VOCs	§ 115.112(b)(2) § 115.112(b)(2)(A) § 115.112(b)(2)(B) § 115.112(b)(2)(C) § 115.112(b)(2)(D) § 115.112(b)(2)(E) § 115.114(b)(1)(A)	unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(b)(4) § 115.118(b)(5)	
2B	EU	63FFFF-TK1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(A) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)
PRO-PAINT	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.427(b)(1) § 115.426	Uncontrolled surface coating operations emitting a combined weight of VOC less than 550 pounds in any continuous 24-hour period are exempt from the provisions of §115.421(b).	§ 115.426(4)	§ 115.426(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)
GRP-SUMP	EU	R5131-2	VOC	30 TAC Chapter 115, Water Separation	§ 115.137(b)(2)	Any single or multiple VOC water separator which separates less than 200 gallons (757 liters) per day of materials containing VOC obtained from any equipment is exempt from §115.132(b).	[G]§ 115.135(b) § 115.136(b)(1) § 115.136(b)(3) § 115.136(b)(4)	§ 115.136(b)(1) § 115.136(b)(3) § 115.136(b)(4)	None

Additional Monitoring Requirements

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Periodic Monitoring Summary

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

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 2A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115B-1
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation.	
Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 2B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115B-1
Pollutant: VOC	Main Standard: § 115.112(b)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be reported as a deviation.	
Periodic Monitoring Text: Visually inspect and record the inspection of the internal floating roof to ensure: the roof is floating on the surface of the VOC and, liquid has not accumulated on the internal floating roof, the seals are not detached, and there are no holes or tears in the seal fabric. Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the internal floating roof, the seals are detached, or if there are holes or tears in the seal fabric shall be considered and reported as a deviation.	

Permit Shield

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Permit Shield

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
PRO-POLY	N/A	40 CFR Part 60, Subpart DDD	Constructed before September 30, 1987
GRP-007	2265701401, HIC3206, HIC3257, HIC3305, HV3210, HV3366	40 CFR Part 63, Subpart FFFF	Does not meet the definition of a batch process vent (not part of a unit operation).
GRP-016	16, 2214701402, 2214701421, HV1812	40 CFR Part 63, Subpart FFFF	Not considered a process vent since does not meet the definition of a continuous vent as specified in 63.107.
GRP-017	17, 2265701409, 2265701610, 2265701701, HV3209, HV3261, HV3310, HV3365, HV3427, L-17	40 CFR Part 63, Subpart FFFF	Does not meet the definition of a batch process vent (i.e. low OHAP concentration, trunk lines, etc.).
GRP-165	165, 166, 167, 2242701001, 2242701021, 2242701023, 2242701029, 2242701032, 330	40 CFR Part 63, Subpart FFFF	Does not meet the definition of a batch process vent (i.e. low OHAP concentration, trunk lines, etc.).
GRP-200	200, FB1A, FB1B	40 CFR Part 63, Subpart FFFF	Not considered a process vent since OHAP concentration is less than 50 ppmv.
GRP-205	205, FB2	40 CFR Part 63, Subpart FFFF	Not considered a process vent since OHAP concentration is less than 50 ppmv.
GRP-210	210, 22227016A	40 CFR Part 63, Subpart FFFF	Not considered a process vent since

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		
			OHAP concentration is less than 50 ppmv.
GRP-220	220, 22227016B	40 CFR Part 63, Subpart FFFF	Not considered a process vent since OHAP concentration is less than 50 ppmv.
GRP-230	22227016C, 230	40 CFR Part 63, Subpart FFFF	Not considered a process vent since OHAP concentration is less than 50 ppmv.
14	N/A	40 CFR Part 60, Subpart DDD	Constructed before September 30, 1987.
ADDMELT	N/A	40 CFR Part 60, Subpart DDD	Not a continuous process.
L-GAS	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Motor vehicle fuel dispensing facility.
14A	N/A	40 CFR Part 63, Subpart FFFF	The equipment is in ammonia service and not any organic HAP.
340	N/A	40 CFR Part 60, Subpart IIII	Engine was manufactured prior to April 1, 2006.
1	N/A	40 CFR Part 60, Subpart K	Tank capacity less than 40,000 gallons.
19	N/A	30 TAC Chapter 115, Storage of VOCs	Vapor pressure less than 1.5 psia.
2202701016	N/A	40 CFR Part 60, Subpart K	Tank capacity is less than 40,000 gallons.
2232701330	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not have an external floating

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		
			roof and has a maximum true vapor pressure less than 1.5 psia.
2232701330	N/A	40 CFR Part 60, Subpart Kb	Tank capacity greater than 19,000 gallons but less than 39,900 gallons with maximum true vapor pressure less than 2.2 psia.
2A	N/A	40 CFR Part 60, Subpart K	Tank capacity less than 40,000 gallons.
2B	N/A	40 CFR Part 60, Subpart K	Tank capacity less than 40,000 gallons
3	N/A	30 TAC Chapter 115, Storage of VOCs	Vapor pressure less than 1.5 psia.
3	N/A	40 CFR Part 60, Subpart K	Tank capacity less than 40,000 gallons
4	N/A	30 TAC Chapter 115, Storage of VOCs	Vapor pressure less than 1.5 psia.
4	N/A	40 CFR Part 60, Subpart K	Tank capacity less than 40,000 gallons
400A	N/A	30 TAC Chapter 115, Storage of VOCs	Vapor pressure less than 1.5 psia.
400A	N/A	40 CFR Part 60, Subpart Kb	Tank capacity less than 10,600 gallons
400B	N/A	30 TAC Chapter 115, Storage of VOCs	Vapor pressure less than 1.5 psia.
400B	N/A	40 CFR Part 60, Subpart Kb	Tank capacity less than 10,600 gallons
400C	N/A	30 TAC Chapter 115, Storage of VOCs	Motor vehicle fuel dispensing tank less than 25,000 gallon capacity.

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		
400C	N/A	40 CFR Part 60, Subpart Kb	tank stores gasoline that is loaded into motor vehicles
410A	N/A	40 CFR Part 60, Subpart Kb	Tank capacity less than 10,000 gallons.
410B	N/A	40 CFR Part 60, Subpart Kb	Tank capacity less than 10,000 gallons.
PRGH ₂ OTNK	N/A	30 TAC Chapter 115, Storage of VOCs	Vapor pressure less than 1.5 psia.
PRGH ₂ OTNK	N/A	40 CFR Part 60, Subpart K	Tank capacity less than 40,000 gallons
GRP-WATER	300A, 300B	30 TAC Chapter 115, Water Separation	Used for stormwater, spills, or exterior surface cleanup waters.

New Source Review Authorization References

New Source Review Authorization References 63

New Source Review Authorization References by Emission Unit..... 64

New Source Review Authorization References

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

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 811B	Issuance Date: 01/30/2014
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.103	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 09/04/2000
Number: 106.373	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 03/14/1997
Number: 106.454	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: 51	Version No./Date: 09/12/1989
Number: 53	Version No./Date: 09/12/1989
Number: 111	Version No./Date: 06/07/1996

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
11	SCRAP PELLET DUMPSTER	811B
12	FACILITY FLARE	811B
14A	FUGITIVES - NH ₃ REFRIGERATION	106.373/09/04/2000
14DDD	PROCESS FUGITIVE EMISSIONS	811B
14	PROCESS FUGITIVE EMISSIONS	811B
165	ADDITIVE BAG FILTER	811B
166	BULK ALUMINA BAG FILTER	811B
167	HOPPER CAR UNLOADING BAG FILTER	811B
16	ADSORBER BAG FILTER	811B
17	BLENDING BAG FILTER	811B
19	FUEL OIL TANK	811B
1	RECYCLE SOLVENT TANK	811B
200	FLUID BED DRYER 1	811B
205	FLUID BED DRYER 2	811B
210	CENTRIFUGAL DRYER 1	811B
2202701001	MONOMER COMPRESSOR 1ST STAGE	811B
2202701002	MONOMER COMPRESS. 2ND STAGE	811B
2202701016	LUBE OIL STORAGE	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
2202701301	PURGE COMPRESSOR 1ST STAGE	811B
2202701302	PURGE COMPRESSOR 2ND STAGE	811B
220	CENTRIFUGAL DRYER 2	811B
2214701402	ADSORBER DUST CYCLONE	811B
2214701421	ADSORBER DUMPSTER VENT	811B
2222701519	WATER SUMP BLOWER	811B
22227016A	PELLET STRIPPER TO CENT. DRYER 1	811B
22227016B	PELLET STRIPPER TO CENT. DRYER 2	811B
22227016C	PELLET STRIPPER TO CENT. DRYER 3	811B
2232701330	CMC TAILS WAX TANK	811B
2232701331	WAX HEATER	811B
2232701332	CMC WAX LOADING	811B
2232701333	CMC WAX LOADING	811B
2232701334	CMC TAILS LIGHTS TANK	811B
2232701335	LIGHTS CONDENSER	811B
2232701336	CMC LIGHTS LOADING	811B
2232701337	CMC FUEL OIL HEATER	811B
2242701001	ADDITIVE FEED HOPPER 1	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
2242701021	ADDITIVE FEED HOPPER 2	811B
2242701023	ADDITIVE FEED HOPPER 3	811B
2242701029	ADDITIVE DRUM UNLOADING	811B
2242701032	CLEANING HOSE VENTS	811B
2242701616	WASTE ADDITIVE DUMPSTER	811B
2265701401	BLEND CAR DUMPSTER VENT	811B
2265701409	BLENDER 4 ELUTRIATOR	811B
2265701520	HOPPER CAR UNLOADING BLOWER	811B
2265701610	BLEND CAR DUMPSTER VENT	811B
2265701701	HEEL REMOVAL BLOWER	811B
230	CENTRIFUGAL DRYER 3	811B
2A	MAKEUP SOLVENT TANK	811B
2B	SOLVENT HOLDUP TANK	811B
300A	STORMWATER TANK NO. 1	811B
300B	STORMWATER TANK NO. 2	811B
305	RAW MATERIALS UNLOADING LINES	811B
310	WAX TRUCK LOADING	811B
330	ADDITIVE HOPPER	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
340	EMERGENCY GENERATOR	811B
350	EXTRUDER SEAL VENT & CONVEYING WATER PUMP	811B
360	SEAL OIL TOTES	811B
370	FIELD GCS	811B
380	ADDITIVE TOTE	811B
390	CHEM STATION TOTES	811B
3	FUEL OIL TANK	811B
400A	EMERGENCY DIESEL TANK	811B
400B	VEHICLE DIESEL TANK	811B
400C	VEHICLE GASOLINE TANK	811B
410A	A-A STORAGE DA2245-7012-1	811B
410B	A-A STORAGE DA2245-7013-1	811B
4	COMONOMER TANK NO. 2	811B
ADDMELT	ADDITIVE MELT SYSTEM	111/06/07/1996
ANALYZER1	AE4119 ANALYZERS	811B
ANALYZER2	GC ANALYZER 3	811B
CSC1-D1	COLD SOLVENT CLEANER	106.454/11/01/2001
DRUMFD	FEED DRUMS	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
EDUCTOR 1	WEST CONDENSER SEPARATOR	811B
EDUCTOR 2	FLARE BTU ANALYZER	811B
FB1A	CENT. DRYER 1 TO FLUID. DRY 1	811B
FB1B	CENT. DRYER 2 TO FLUID. DRY 1	811B
FB2	CENT.DRYER 3 TO FLUID. DRY 2	811B
FCV1263-1	COMONOMER LITE-OFF HEATER 1	811B
FCV1363-1	COMONOMER LITE-OFF HEATER 2	811B
FCV1752	PURGE SOLVENT HEATER	811B
FCV2430	EAST CONDENSER SEPARATOR	811B
FCV3656	SOLVENT REGENERATOR SEPARATOR	811B
FCV3856	COMONOMER CONDENSER	811B
FCV5109	CONDENSATE STRIPPER	811B
HCV1723	ADSORBER CONDENSER	811B
HCV3428	HOPPER CAR VENT VALVE	811B
HIC3206	RAILCAR PELLET LOADING 1	811B
HIC3257	RAILCAR PELLET LOADING 2	811B
HIC3305	RAILCAR PELLET LOADING 3	811B
HV1812	PACKAGING HOPPER DISCHARGE CHUTE	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
HV2501	PURGE GAS TO FLARE	811B
HV2502	PURGE GAS TO FLARE	811B
HV2503	PURGE GAS TO FLARE	811B
HV2504	PURGE GAS TO FLARE	811B
HV2505	PURGE GAS TO FLARE	811B
HV2605	HBC REFLUX VESSEL	811B
HV2714	LBC REFLUX VESSEL	811B
HV2826	CMC REFLUX VESSEL	811B
HV3101	PURGE GAS TO FLARE	811B
HV3161	PURGE GAS TO FLARE	811B
HV3209	BLENDER 1	811B
HV3210	TRUCK PELLETT LOADING	811B
HV3261	BLENDER 2	811B
HV3310	BLENDER 3	811B
HV3365	BLENDER 4	811B
HV3366	RAILCAR PELLETT LOADING	811B
HV3427	HOPPER CAR UNLOADING VENT	811B
HV3630	MONOMER ANALYZER FILTERS	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
HV4113	FUEL GAS TO FLARE	811B
HV4940	DEHYDROGENATOR 2	811B
HV4954	PURGE GAS TO FLARE	811B
HV5003	PURGE GAS TO FLARE	811B
HV6050	PURGE GAS TO FLARE	811B
HV6055	PURGE GAS TO FLARE	811B
L-17	HOPPER TRUCK LOADING VENT	811B
L-DIESELV	DIESEL LOADING INTO VEHICLES	811B
L-GAS	GASOLINE LOADING INTO VEHICLES	811B
MONHESYS	POLYETHYLENE FACILITY - MON HEAT EXCHANGE SYSTEMS	811B
MSS	MSS ACTIVITIES	811B
PCV1853	HIGH PRESSURE SEPARATOR	811B
PCV1906	MIDDLE PRESSURE SEPARATOR	811B
PCV1952	LOW PRESSURE SEPARATOR 1	811B
PCV2002	LOW PRESSURE SEPARATOR 2	811B
PCV2006	PURGE GAS TO FLARE	811B
PCV2027	LOW PRESSURE SEPARATOR 3	811B
PCV2151-1	ADDITIVE FEED VESSEL 1	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
PCV2153-1	ADDITIVE FEED VESSEL 2	811B
PCV2559-1	DISTILLATION FEED SEPARATOR	811B
PCV3151-1	ADDITIVE MIX VESSEL 1	811B
PCV3154-1	ADDITIVE MIX VESSEL 2	811B
PCV3155-1	ADDITIVE MIX VESSEL 3	811B
PCV3563	FUEL GAS TO FLARE	811B
PCV3823	COMONOMER VESSEL	811B
PCV4055	PILOT GAS TO FLARE	811B
PCV4105	SOLVENT SEPARATOR	811B
PCV4152-1	COCATALYST MIX TANK 1	811B
PCV4153-1	COCATALYST MIX TANK 2	811B
PCV4202-1	CATALYST MIX TANK 1	811B
PCV4212-1	CATALYST MIX TANK 2	811B
PCV4251	OCTENE STORAGE VESSEL	811B
PCV4255	A-A STORAGE VESSEL	811B
PCV4764	DEHYDROGENATOR/CONDENSER	811B
PCV4903	LBC REFLUX HEAT EXCHANGER	811B
PCV701334	CATALYST SCRUBBER WATER WASH SECTION	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
PCV701337	CATALYST SCRUBBER HOLD-UP VESSEL	811B
PCV701339	CATALYST SCRUBBER SEPARATOR	811B
PCV7015107	WATER SUMP BLOWER	811B
PCV7016103	EAST CONDENSER SEPARATOR	811B
PCV8825	CMC TAILS LIGHTS	106.261/11/01/2003, 106.262/11/01/2003
PRGH2OTNK	PURGE WATER HOLDUP TANK	811B
PRO-BATCH1	GROUP 1 BATCH VENTS	811B
PRO-PAINT	SURF COATING FUGITIVES AND CLEANUP	106.433/03/14/1997
PRO-POLY	TOTAL POLYETHYLENE FACILITY	811B
PSE701009	VENT EXTRUDER POLYMER TRAP 1	811B
PSE701052	EXTRUDER 1	811B
PSE701053	ADDITIVE FEED TANK 1	811B
PSE701073	ADDITIVE FEED TANK 2	811B
PSE7011306	FLARE BTU ANALYZER CAL GAS	811B
PSE701201	LOW PRESSURE SEPARATOR 1	811B
PSE701202	REACTOR 2	811B
PSE701216	PELLETIZER 1	811B
PSE7013013	GC ANALYZERS 1 & 2	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
PSE7013014	GC ANALYZERS 1 & 2	811B
PSE7013015	GC ANALYZERS 1 & 2	811B
PSE7013016	GC ANALYZERS 1 & 2	811B
PSE7013017	GC ANALYZERS 1 & 2	811B
PSE7013018	GC ANALYZERS 1 & 2	811B
PSE701304	DISCHARGE COOLER CONDENSER	811B
PSE701309	VENT EXTRUDER POLYMER TRAP 2	811B
PSE7013101	ANALYZER 1	811B
PSE7013102	ANALYZER 2	811B
PSE701352	EXTRUDER 2	811B
PSE701401	LOW PRESSURE SEPARATOR 2	811B
PSE701501	LOW PRESSURE SEPARATOR 3	811B
PSE7015107	PELLET DELUMPING	811B
PSE701516	PELLETIZER 2	811B
PSE702209	VENT EXTRUDER POLYMER TRAP 3	811B
PSE702217	EXTRUDER 3	811B
PSE702312	PELLETIZER 3	811B
PSE7202102	MONOMER ANALYZER CAL GAS	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
PSV118201	PURGE WATER DECANter	811B
PSV118401	CONDENSATE STRIPPER	811B
PSV1184031	CONDENSATE PREHEATER	811B
PSV1184032	CONDENSATE PREHEATER	811B
PSV700312	DECANter	811B
PSV7010101	SOLVENT PUMP OUTLET	811B
PSV7010111	SOLVENT PUMP OUTLET	811B
PSV701011	CATALYST MIX VESSEL 1	811B
PSV7010121	SOLVENT FILTER	811B
PSV701013A	MONOMER PURIFIER	811B
PSV701013B	SOLVENT PURIFIER	811B
PSV701013C	COMONOMER PURIFIER	811B
PSV701013D	COMONOMER PUMP SNUBBER	811B
PSV701014A	COMONOMER PUMP SNUBBER	811B
PSV701014B	HIGH PRESSURE SEPARATOR	811B
PSV7010151	MONOMER BLOWDOWN SEPARATOR	811B
PSV701015A	COMONOMER PUMP SNUBBER	811B
PSV701015B	ADDITIVE MIX VESSEL	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
PSV701015	SOLVENT COOLER	811B
PSV701017	HIGH PRESSURE SEPARATOR	811B
PSV701018	ADDITIVE FEED HOPPER 1	811B
PSV7010214	ADDITIVE MIX VESSEL	811B
PSV7010217	ADDITIVE FEED HOPPER 2	811B
PSV701021A	MONOMER SEPARATOR	811B
PSV701021B	MONO. COMP. SUCTION HEADER	811B
PSV7010234	ADDITIVE MIX VESSEL	811B
PSV7010236	ADDITIVE FEED HOPPER 3	811B
PSV701023A	SOLVENT PURIFIER	811B
PSV701023B	COMONOMER PURIFIER	811B
PSV701023C	COMONOMER PUMP SNUBBER	811B
PSV701024	COMONOMER PUMP SNUBBER	811B
PSV701025	COMONOMER PUMP SNUBBER	811B
PSV701031A	MONOMER FILTER	811B
PSV701031B	COMONOMER BYPASS COOLER	811B
PSV701031	CATALYST MIX VESSEL 2	811B
PSV701036	MONOMER COMP. INTERCOOLER	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
PSV701041	MONOMER FILTER	811B
PSV701043	COMONOMER PUMP SNUBBER	811B
PSV701044	COMONOMER PUMP SNUBBER	811B
PSV701045	COMONOMER PUMP SNUBBER	811B
PSV701051	ADDITIVE FEED VESSEL	811B
PSV701052	CATALYST FILTER 1	811B
PSV701053	MONOMER PURIFIER	811B
PSV701061A	SOLVENT FILTER	811B
PSV701061B	COMONOMER FILTERS	811B
PSV701062	CATALYST FILTER 2	811B
PSV701071A	SOLVENT FILTER	811B
PSV701071B	COMONOMER FILTERS	811B
PSV701071C	ADDITIVE FEED VESSEL	811B
PSV701087	SOLVENT PUMP INLET	811B
PSV701097	SOLVENT COOLER	811B
PSV7011102	DISTILLATION FEED SEPARATOR	811B
PSV701111A	COCATALYST CATCH VESSEL 1	811B
PSV701111B	HIGH BOILER COLUMN	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
PSV701111C	COMONOMER CONDENSER	811B
PSV7011124	SOLVENT LITE-OFF HEATER 1	811B
PSV7011126	SOLVENT LITE-OFF HEATER 1	811B
PSV701112	COCATALYST CATCH VESSEL 1	811B
PSV701113	ADSORBER 1	811B
PSV701114A	SOLVENT LITE-OFF HEATER 1	811B
PSV701114B	MIDDLE PRESSURE SEPARATOR	811B
PSV701115	ADSORBER 2	811B
PSV701116	SOLVENT LITE-OFF HEATER 1	811B
PSV7011212	REACTOR 1	811B
PSV701122	REACTOR 1	811B
PSV7011281	HIGH BOILER COLUMN	811B
PSV701129	REACTOR 1	811B
PSV701131	COCATALYST CATCH VESSEL 2	811B
PSV701132	COCATALYST CATCH VESSEL 2	811B
PSV701141	HBC REFLUX VESSEL	811B
PSV701152	COCATALYST FILTER 1	811B
PSV701162	COCATALYST FILTER 2	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
PSV701211	A-A VESSEL	811B
PSV701211A	COMONOMER VESSEL	811B
PSV701211B	LOW BOILER COLUMN	811B
PSV7012121	LBC NEUTRALIZING VESSEL	811B
PSV7012124	SOLVENT LITE-OFF HEATER 2	811B
PSV7012126	SOLVENT LITE-OFF HEATER 2	811B
PSV701212	A-A VESSEL	811B
PSV701212A	SOLVENT PURIFIER	811B
PSV701213B	ADSORBER 2	811B
PSV701214	SOLVENT LITE-OFF HEATER 2	811B
PSV701215	ADSORBER 2	811B
PSV701216	SOLVENT LITE-OFF HEATER 2	811B
PSV7012212	REACTOR 2	811B
PSV701231	SOLVENT SEPARATOR	811B
PSV701234	LPS CONDENSERS 1 & 2	811B
PSV701237	LOW PRESSURE SEPARATOR 1	811B
PSV701241	LBC REFLUX VESSEL	811B
PSV7012471	ETHYLENE SEPARATOR	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
PSV7012472	ETHYLENE METERING STATION	811B
PSV7012481	LBC TAILS RW COOLER	811B
PSV7012501	LBC ROW CONDENSER	811B
PSV7012523	LBC REBOILER SEPARATOR	811B
PSV701261	LPS CONDENSER DISCHARGE STRAINER	811B
PSV701271	LPS CONDENSER DISCHARGE STRAINER	811B
PSV701281	LPS CONDENSER SUCTION STRAINER	811B
PSV701291A	LPS CONDENSER SUCTION STRAINER	811B
PSV701291B	LBC CALANDRIA SEPARATOR	811B
PSV701307	REACTORS 1,2,3 TAILS	811B
PSV7013101	DECANTER	811B
PSV7013111	DECANTER SCRUBBER CONDENSER	811B
PSV7013116	PURGE COMPRESSOR 2ND STAGE	811B
PSV701311A	PURGE SOLVENT HEATER	811B
PSV701311B	COMONOMER COLUMN	811B
PSV701312	OCTENE VESSEL	811B
PSV701313	COMONOMER COLUMN	811B
PSV701315	PURGE COMPRESSOR 1ST STAGE	811B

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units. 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
PSV701319	PURGE COMPRESSOR 1ST STAGE	811B
PSV7013211	BLOWDOWN SEPARATOR	811B
PSV701321	LBC REFLUX HEAT EXCHANGER	811B
PSV701322	REACTOR 3	811B
PSV701325	REACTOR SOLVENT FLUSH STATIONS	811B
PSV7013271	DEHYDROGENATOR 1	811B
PSV7013272	DEHYDROGENATOR 1	811B
PSV7013292	CONDENSER DECANTER	811B
PSV701329	REACTOR 3	811B
PSV7013-30-1	CMC TAILS WAX TANK	811B
PSV7013301	DEHYDROGENATOR INTERCOOLER	811B
PSV7013-30-2	CMC TAILS WAX TANK	811B
PSV701331	TUBULAR REACTOR	811B
PSV701332	TUBULAR REACTOR	811B
PSV70133401	CMC TAILS LIGHTS TANK	811B
PSV70133701	CMC TAILS FUEL OIL HEATER	811B
PSV7013401	DEHYDROGENATOR 2	811B
PSV701341A	DISCHARGE COOLER CONDENSER	811B

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PSV701341B	CMC REFLUX VESSEL	811B
PSV701344	DISCHARGE COOLER CONDENSER	811B
PSV701346	HP CONDENSATE SCRUBBER	811B
PSV701351	ADSORBER CONDENSER	811B
PSV701353	ADSORBER CONDENSER	811B
PSV7013740	CMC SECOND. PRODUCT COOLER	811B
PSV701392	HP CONDENSATE SCRUBBER	811B
PSV701411	BLENDER 4	811B
PSV701421	ADSORBER DUST CYCLONE	811B
PSV701501	REACTOR 1 & 2 CATALYST PUMPS	811B
PSV701502	REACTOR 3 CATALYST PUMPS	811B
PSV701534	LPS CONDENSER 3	811B
PSV701601	REACTORS 1 & 2 COCATALYST PUMPS	811B
PSV701602	REACTOR 3 COCATALYST PUMPS	811B
PSV7016117	WEST CONDENSER SEPARATOR	811B
PSV701611	DEHYDROGENATOR/CONDENSER	811B
PSV7019102	DELUMPER 3	811B
PSV701912	DELUMPER 1	811B

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PSV701922	DELUMPER 2	811B
PSV7024118	CMC TAILS DUMPSTER VENT	811B
PSV720217	MONOMER ANALYSER	811B
PSV720218	RECYCLE MONOMER ANALYZER	811B
RCTSMLG	REACTOR SAMPLING	811B
SUMPADD	ADDITIVE SUMP	811B
SUMPCAT	CATALYST SUMP	811B
SUMPDIST	DISTILLATION SUMP	811B
SUMPDYWAT	DYNAMIC WATER SUMP	811B
SUMPFIN	FINISHING SUMP	811B
SUMPFILARE	FLARE SUMP	811B
SUMPLAB	LAB SUMP	811B
SUMPNORTH	NORTH SUMP	811B
SUMPPELFIN	PELLET FINISHING SUMP	811B
SUMPRXAD	REACTION/ADSORPTION SUMP	811B
SUMPSOUTH	SOUTH SUMP	811B
SUMPTANKS	TANK FARM SUMP	811B
SUMPTRLR	TRAILER PAD SUMP	811B

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
V22027010A	MONOMER COMPRESSOR 1ST STAGE	811B
V22027010B	MONOMER COMPRESSOR 2ND STAGE	811B
V28K8686A	WEST CONDENSER	811B
V32B30649	LPS CONDENSER 3	811B
V32H30648	LOW PRESSURE SEPARATOR 3	811B
V32H7856	DECANTER	811B
V32H7858	DISCHARGE COOLER CONDENSER	811B
V32H8678	LPS CONDENSER DISCHARGE STRAINER	811B
V32K30141	CONDENSATE STRIPPING	811B
V32K30187	LBC NEUTRALIZING TANK	811B
V32K7838B	FUEL GAS TO FLARE	811B
V32K7856	PURGE HEATERS	811B
V32K8678	LPS CONDENSER SUCTION STRAINER	811B
V32K8691	LBC REFLUX TANK	811B
V32S7921	ADSORBER CONDENSER	811B
V32Z11674	VA AREA	811B
V32Z30008A	REACTOR 3 CATALYST PUMPS	811B
V32Z30009A	REACTOR 3 COCATALYST PUMPS	811B

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
V32Z8678	LPS CONDENSERS	811B
V32Z8690B	LOW BOILER COLUMN	811B
V37AJ7842A	SOLVENT COOLER	811B
V37B30651	DEHYDROGENATOR 2	811B
V37M7858C	DEHYDROGENATOR 1	811B
V37M8690B	ETHYLENE SEPARATOR	811B
V495A8692A	COMONOMER PUMPS	811B
V496A8694	ADDITIVE MIX TANKS	811B
V631A7846B	MONOMER COMPRESSOR	811B
V637F7915	SOLVENT LITE-OFF HEATER 1	811B
V637F7916	REACTOR 1	811B
V637F7917	SOLVENT LITE-OFF HEATER 2	811B
V637F7918A	REACTOR 2	811B
V637F7919B	REACTOR 1,2,3 TAILS	811B
V637F7921	PURGE SOLVENT HEATER	811B
V638A7853	COMONOMER PUMPS	811B
V638F7846B	MONOMER COMPRESSOR DISCHARGE	811B
V638F7915	COMONOMER LITE-OFF HEATER 1	811B

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
V638F7917	COMONOMER LITE-OFF HEATER 2	811B
V638F7918B	REACTORS 1 & 2	811B
V638F7932	REACTOR 1 & 2	811B
V648A7846A	MONOMER FILTERS	811B
V648A7915	TELOGEN LITE-OFF HEATER 1	811B
V648A7917	TELOGEN LITE-OFF HEATER 2	811B
V648A7923	A-A PUMPING	811B
V648B7923	OCTENE PUMPING	811B
V650A8694	ADDITIVE FEED HOPPERS	811B
V654F7855	CONDENSATE CROSS EXCHANGER	811B
V654F7858C	HP SAMPLING	811B
V654F8690A	LOW BOILER COLUMN	811B
V655A7838A	MONOMER PURIFIERS	811B
V655A7839	SOLVENT PURIFIER	811B
V655A7843B	COMONOMER FILTERS	811B
V655A7855	PURGE COMP. CROSS EXCHANGER	811B
V655A7859	PURGE COMPRESSOR	811B
V655A8383	CONDENSER DECANTER	811B

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
V655A8683	DECANTER	811B
V655A8692A	COMONOMER COLUMN	811B
V655F7838A	MONOMER PURIFIER	811B
V655F7846A	MONOMER FILTERS	811B
V655F7858C	BLOWDOWN SEPARATOR	811B
V655F7859	PURGE COMPRESSOR	811B
V655F8688B	HIGH BOILER COLUMN	811B
V655F8689	HBC REFLUX VESSEL	811B
V665A7528	COCATALYST SYSTEM	811B
V665A7529	CATALYST SYSTEM	811B
V665F7840A	SOLVENT DUMPSTER	811B
V665F7857	PURGE WATER DUMPSTER	811B
V665F7921	ADSORBER CONDENSER PUMP	811B
V665F8383	CONDENSER DECANTER	811B
V665F8683	DECANTER	811B
V665F8691	LBC REFLUX VESSEL	811B
V666A7527	SOLVENT SEPARATOR	811B
V666A7856	DECANTER	811B

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
V666A8678	LPS CONDENSERS	811B
V666A8692B	CMC SECOND. PRODUCT COOLER	811B
V666F7842A	SOLVENT COOLER	811B
V666F7856	DECANTER	811B
V666F8692B	CMC REFLUX VESSEL	811B
V669F7857	PURGE DECANTER	811B
V669F7921	ADSORBER CONDENSER	811B
V693A8383	CONDENSER DECANTER	811B
V7013113A	PURGE COMPRESSOR 1ST STAGE	811B
V7013114A	PURGE COMPRESSOR 2ND STAGE	811B
V701504	PACKAGING CHARGE HOPPER VENT	811B
V701612	PELLET STRIPPER CONSERVATION VENT	811B
V82K30662	DELUMPER 3	811B
V82K8681A	DELUMPERS 1 & 2	811B
V834F30104	REACTOR SOLVENT FLUSH STATIONS	811B
V87G7838A	MONOMER SUPERHEATER	811B
V87H30008B	REACTOR 1 & 2 CATALYST PUMPS	811B
V87H30009B	REACTOR 1 & 2 COCATALYST PUMPS	811B

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
VA130056A	ANALYZER 1	811B
VA230062	ANALYZER 2	811B
VA330062	ANALYZER 3	811B
VA430088	FLARE BTU ANALYZER	811B
VAFF30056A	ANALYZERS	811B
VC2M30031	ETHYLENE METERING	811B
VRSF30104	REACTOR SOLVENT FLUSH STATIONS	811B

Appendix A

Acronym List90

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	.....	actual cubic feet per minute
AMOC	.....	alternate means of control
ARP	.....	Acid Rain Program
ASTM	.....	American Society of Testing and Materials
B/PA	.....	Beaumont/Port Arthur (nonattainment area)
CAM	.....	Compliance Assurance Monitoring
CD	.....	control device
COMS	.....	continuous opacity monitoring system
CVS	.....	closed-vent system
D/FW	.....	Dallas/Fort Worth (nonattainment area)
DR	.....	Designated Representative
ELP	.....	El Paso (nonattainment area)
EP	.....	emission point
EPA	.....	U.S. Environmental Protection Agency
EU	.....	emission unit
FCAA Amendments	.....	Federal Clean Air Act Amendments
FOP	.....	federal operating permit
GF	.....	grandfathered
gr/100 scf	.....	grains per 100 standard cubic feet
HAP	.....	hazardous air pollutant
H/G/B	.....	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	.....	hydrogen sulfide
ID No.	.....	identification number
lb/hr	.....	pound(s) per hour
MMBtu/hr	.....	Million British thermal units per hour
MRRT	.....	monitoring, recordkeeping, reporting, and testing
NA	.....	nonattainment
N/A	.....	not applicable
NADB	.....	National Allowance Data Base
NO _x	.....	nitrogen oxides
NSPS	.....	New Source Performance Standard (40 CFR Part 60)
NSR	.....	New Source Review
ORIS	.....	Office of Regulatory Information Systems
Pb	.....	lead
PBR	.....	Permit By Rule
PM	.....	particulate matter
ppmv	.....	parts per million by volume
PSD	.....	prevention of significant deterioration
RO	.....	Responsible Official
SO ₂	.....	sulfur dioxide
TCEQ	.....	Texas Commission on Environmental Quality
TSP	.....	total suspended particulate
TVP	.....	true vapor pressure
U.S.C.	.....	United States Code
VOC	.....	volatile organic compound