

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO

E. I. du Pont de Nemours and Company

AUTHORIZING THE OPERATION OF

Herbicide Business Unit
Industrial Organic Chemicals

LOCATED AT

Harris County, Texas

Latitude 29° 41' 10" Longitude 95° 2' 3"

Regulated Entity Number: RN100225085

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: O1905 Issuance Date: _____

For the Commission

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General Terms and Conditions

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

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

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

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

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

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

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

- C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts MMM and FFFF, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC Chapter 113, Subchapter C, §113.700 and §113.890, respectively, which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

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

required value does not constitute creation of an alternative fuel.

- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement.

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

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
- (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: Storage of Volatile Organic Compounds, the permit holder shall comply with the requirements of 30 TAC § 115.112(e)(1).
5. 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.

New Source Review Authorization Requirements

6. 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
7. 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.
8. 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

9. 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.
10. Use of Emission Credits to comply with applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117

- (iii) Offsets for Title 30 TAC Chapter 116
- B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
- (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)(2)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)(2)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
11. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
- (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
- (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

- 12. 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

- 13. 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.

Permit Location

- 14. 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)

- 15. A permit shield is granted for the emission units, groups, or processes specified in the attached “Permit Shield.” Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment “Permit Shield.” Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit

revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary 12

Applicable Requirements Summary 16

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
GRP-VENTS	Emission Points/ Stationary Vents/ Process Vents	VP-01P-1, VP-01P-2, VP-01P-3, VP-03P-1, VP-03P-13, VP-03P-2, VP-03P-3, VP-03P-4, VP-03P-5, VP-03P-6, VP-03P-7, VP-03P-8, VP-100P-1, VP-100P-14, VP-100P-16, VP-100P-17, VP-100P-6, VP-100P-8, VP-15P	R115-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-VENTS	Emission Points/ Stationary Vents/ Process Vents	VP-01P-1, VP-01P-2, VP-01P-3, VP-03P-1, VP-03P-13, VP-03P-2, VP-03P-3, VP-03P-4, VP-03P-5, VP-03P-6, VP-03P-7, VP-03P-8, VP-100P-1, VP-100P-14, VP-100P-16, VP-100P-17, VP-100P-6, VP-100P-8, VP-15P	63MMM-1	40 CFR Part 63, Subpart MMM	No changing attributes.
UC-02P	Emission Points/ Stationary Vents/ Process Vents	N/A	R115-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
UC-02P	Emission Points/ Stationary Vents/ Process Vents	N/A	63FFFF-1	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
VP-100P-10	Emission Points/ Stationary Vents/ Process Vents	N/A	R115-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
VP-100P-10	Emission Points/ Stationary Vents/ Process Vents	N/A	63FFFF-1	40 CFR Part 63, Subpart FFFF	No changing attributes.
VP-100P-5	Emission Points/ Stationary Vents/ Process Vents	N/A	R115-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRP-FLARES	Flares	VP-01AC, VP-01BC	R111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP-FLARES	Flares	VP-01AC, VP-01BC	63A-1	40 CFR Part 63, Subpart A	No changing attributes.
VP-05F	Fugitive Emission Units	N/A	63FFFF-1	40 CFR Part 63, Subpart FFFF	No changing attributes.
VP-05F	Fugitive Emission Units	N/A	63MMM-1	40 CFR Part 63, Subpart MMM	No changing attributes.
AM-01L	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
UC-03L-3	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
UC-03L-3	Loading/Unloading Operations	N/A	63FFFF-1	40 CFR Part 63, Subpart FFFF	No changing attributes.
VP-02L-1	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
VP-02L-2	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
VP-02L-3	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
VP-02L-4	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
VP-02L-4A	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
VP-02L-4A	Loading/Unloading Operations	N/A	63FFFF-1	40 CFR Part 63, Subpart FFFF	No changing attributes.
VP-02L-5	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
VP-100L-1	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
VP-100L-2	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
VP-100L-6	Loading/Unloading Operations	N/A	R115-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GRP-TANKS2	Storage Tanks/Vessels	VP-06T, VP-10T, VP-13T	R115-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRP-TANKS2	Storage Tanks/Vessels	VP-06T, VP-10T, VP-13T	63MMM-1	40 CFR Part 63, Subpart MMM	No changing attributes.
GRP-TANKS3	Storage Tanks/Vessels	VP-02T, VP-11T	R115-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRP-TANKS3	Storage Tanks/Vessels	VP-02T, VP-11T	63MMM-1	40 CFR Part 63, Subpart MMM	No changing attributes.
GRP-TANKS5	Storage Tanks/Vessels	VP-03T, VP-14T	R115-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-TANKS5	Storage Tanks/Vessels	VP-03T, VP-14T	63MMM-1	40 CFR Part 63, Subpart MMM	No changing attributes.
VP-01T	Storage Tanks/Vessels	N/A	R115-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
VP-01T	Storage Tanks/Vessels	N/A	63MMM-1	40 CFR Part 63, Subpart MMM	No changing attributes.
VP-05T	Storage Tanks/Vessels	N/A	R115-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
VP-07T	Storage Tanks/Vessels	N/A	R115-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-VENTS	EP	R115-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.122(a)(1) § 115.122(a)(1)(B) § 60.18	No person may allow a vent gas stream containing VOC to be emitted from any process vent, unless the vent gas stream is burned properly in accordance with §115.122(a)(1) of this title.	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
GRP-VENTS	EU	63MMM-1	HAPS	40 CFR Part 63, Subpart MMM	§ 63.1362(b)(2)(iv)(B) [G]§ 63.1360(e) § 63.1360(g) [G]§ 63.1360(h) [G]§ 63.1360(i) [G]§ 63.1360(j) [G]§ 63.1360(k) § 63.1362(a) § 63.1362(b)	Uncontrolled organic HAP emissions from any process vent shall be reduced by a flare that meets the requirements of §63.11(b). All remaining process vents within a process must be controlled in accordance with §63.1362(b)(2)(ii)-(iii).	[G]§ 63.1365(a) [G]§ 63.1365(b) [G]§ 63.1365(c) § 63.1366(a) § 63.1366(b)(1) § 63.1366(b)(1)(vi) § 63.1366(b)(1)-Table 3	§ 63.1367(a)(1) § 63.1367(a)(2) [G]§ 63.1367(a)(3) § 63.1367(a)(5) § 63.1367(a)-Table 1 § 63.1367(b) § 63.1367(b)(1) § 63.1367(b)(10) [G]§ 63.1367(b)(6) § 63.1367(b)(7) § 63.1367(b)(9)	§ 63.1368(a) § 63.1368(a)-Table 1 § 63.1368(b) § 63.1368(c) [G]§ 63.1368(e) [G]§ 63.1368(f) [G]§ 63.1368(g) [G]§ 63.1368(h) § 63.1368(i) § 63.1368(m) § 63.1368(n) [G]§ 63.1368(p)
UC-02P	EP	R115-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.122(a)(1) § 115.122(a)(1)(B) § 60.18	No person may allow a vent gas stream containing VOC to be emitted from any process vent, unless the vent gas stream is burned properly in accordance with §115.122(a)(1) of this title.	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
UC-02P	EP	63FFFF-1	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)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2455(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) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)	organic HAP by venting emissions through a closed vent system to a flare.	[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) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 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)	[G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 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)
VP-100P-10	EP	R115-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.122(a)(1) § 115.122(a)(1)(B) § 60.18	No person may allow a vent gas stream containing VOC to be emitted from any process vent, unless the vent gas stream is burned properly in accordance with §115.122(a)(1) of this title.	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
VP-100P-10	EP	63FFFF-1	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)	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)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) [G]§ 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) [G]§ 63.999(c)(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)
					[G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)		[G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 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)	§ 63.999(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)
VP-100P-5	EP	R115-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
VP-100P-5	EP	R115-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRP-FLARES	EU	R111-1	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for emission event emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-FLARES	CD	63A-1	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
VP-05F	EU	63FFFF-1	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
VP-05F	EU	63MMM-1	112(B) HAPS	40 CFR Part 63, Subpart MMM	§ 63.1363(a)(1) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart MMM	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart MMM	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart MMM	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart MMM	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart MMM
AM-01L	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(2) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(1) § 115.216(1)(C) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
UC-03L-3	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.213(b) § 115.212(a)(2) § 115.212(a)(3)(B) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.213(b)(1) § 115.213(b)(4) [G]§ 115.213(b)(6) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(ii)	General loading - 90% overall control option in the covered non-attainment counties. As an alternative operations may elect to achieve a 90% overall control of emissions at the account.	§ 115.212(a)(3)(B) § 115.213(b) § 115.213(b)(1) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.213(b)(1) § 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	§ 115.213(b)(1) § 115.213(b)(2) § 115.213(b)(3) § 115.213(b)(4)
UC-03L-3	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) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(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) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(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) [G]§ 63.998(a)(1)(i) § 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(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 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)
VP-02L-1	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(2) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i)	None

Applicable Requirements Summary

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					[G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C) § 60.18	0.5 psia or greater, must be controlled by one of the following methods.	§ 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(9) § 115.216(1) § 115.216(1)(B)	§ 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	
VP-02L-2	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
VP-02L-3	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(2) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C) § 60.18	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(9) § 115.216(1) § 115.216(1)(B)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
VP-02L-4	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.213(b) § 115.212(a)(3)(B) § 115.212(a)(3)(E) § 115.213(b)(1) § 115.213(b)(4) [G]§ 115.213(b)(6)	General loading - 90% overall control option in the covered non-attainment counties. As an alternative operations may elect to achieve a	§ 115.212(a)(3)(B) § 115.213(b) § 115.213(b)(1) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215	§ 115.213(b)(1) § 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii)	§ 115.213(b)(1) § 115.213(b)(2) § 115.213(b)(3) § 115.213(b)(4)

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					§ 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(ii) § 60.18	90% overall control of emissions at the account.	§ 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(9)	§ 115.216(3)(A)(iii) § 115.216(3)(B)	
VP-02L-4A	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.213(b) § 115.212(a)(3)(B) § 115.212(a)(3)(E) § 115.213(b)(1) § 115.213(b)(4) [G]§ 115.213(b)(6) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(ii)	General loading - 90% overall control option in the covered non-attainment counties. As an alternative operations may elect to achieve a 90% overall control of emissions at the account.	§ 115.212(a)(3)(B) § 115.213(b) § 115.213(b)(1) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.213(b)(1) § 115.216 § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	§ 115.213(b)(1) § 115.213(b)(2) § 115.213(b)(3) § 115.213(b)(4)
VP-02L-4A	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) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(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) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(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) [G]§ 63.998(a)(1)(i) § 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(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 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)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
VP-02L-5	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C) § 60.18	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(9) § 115.216(1) § 115.216(1)(B)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
VP-100L-1	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(2) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C) § 60.18	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) [G]§ 115.215(3) § 115.215(4) § 115.215(9) § 115.216(1) § 115.216(1)(B)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
VP-100L-2	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2)	§ 115.216 § 115.216(1) § 115.216(1)(B) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.18		[G]§ 115.215(3) § 115.215(4) § 115.215(9) § 115.216(1) § 115.216(1)(B)		
VP-100L-6	EU	R115-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(a)(1) § 115.212(a)(1)(A) § 115.212(a)(2) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(ii) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(D) § 115.212(a)(3)(E) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	At operations other than gasoline terminals, gasoline bulk plants, and marine terminals, vapors of VOC with a true vapor pressure of 0.5 psia or greater, must be controlled by one of the following methods.	§ 115.212(a)(3)(B) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.215 § 115.215(1) § 115.215(10) [G]§ 115.215(2) § 115.215(4) § 115.215(9)	§ 115.216 § 115.216(1) § 115.216(1)(C) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
GRP-TANKS ₂	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TANKS ₂	EU	63MMM-1	HAPS	40 CFR Part 63, Subpart MMM	§63.1362(c)(2)(iv) [G]§63.1360(e) [G]§63.1360(f) §63.1360(g) [G]§63.1360(h) [G]§63.1360(i) [G]§63.1360(j) [G]§63.1360(k) §63.1362(a) §63.1362(c) §63.1362(c)(2) §63.1362(c)(2)(iv)(C) §63.1362(c)(5)	The owner or operator of a Group 1 storage vessel at an existing source shall equip the affected storage vessel with a closed vent system meeting the conditions of §63.1362(j) and a control device that is a flare that meets the requirements of §63.11(b).	[G]§63.1362(j) [G]§63.1365(a) [G]§63.1365(b) [G]§63.1365(d) §63.1366(a) §63.1366(b)(1) §63.1366(b)(1)-Table 3 §63.1366(b)(1)(vi) [G]§63.1366(b)(1)(xiii)	§63.1367(a)-Table 1 §63.1367(a)(1) §63.1367(a)(2) [G]§63.1367(a)(3) §63.1367(a)(5) §63.1367(b) §63.1367(b)(1) [G]§63.1367(b)(6) §63.1367(b)(7) §63.1367(b)(9) §63.1367(b)(10)	§63.1368(a) §63.1368(a)-Table 1 §63.1368(b) §63.1368(c) [G]§63.1368(e) [G]§63.1368(f) [G]§63.1368(g) [G]§63.1368(h) §63.1368(i) §63.1368(m) §63.1368(n) [G]§63.1368(p)

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-TANKS ₃	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TANKS ₃	EU	63MMM-1	HAPS	40 CFR Part 63, Subpart MMM	§63.1362(c)(2)(iv) [G]§63.1360(e) [G]§63.1360(f) §63.1360(g) [G]§63.1360(h) [G]§63.1360(i) [G]§63.1360(j) [G]§63.1360(k) §63.1362(a) §63.1362(c) §63.1362(c)(2) §63.1362(c)(2)(iv)(C) §63.1362(c)(5)	The owner or operator of a Group 1 storage vessel at an existing source shall equip the affected storage vessel with a closed vent system meeting the conditions of §63.1362(j) and a control device that is a flare that meets the requirements of §63.11(b).	[G]§63.1362(j) [G]§63.1365(a) [G]§63.1365(b) [G]§63.1365(d) §63.1366(a) §63.1366(b)(1) §63.1366(b)(1)-Table 3 §63.1366(b)(1)(vi) [G]§63.1366(b)(1)(xiii)	§63.1367(a)-Table 1 §63.1367(a)(1) §63.1367(a)(2) [G]§63.1367(a)(3) §63.1367(a)(5) §63.1367(b) §63.1367(b)(1) [G]§63.1367(b)(6) §63.1367(b)(7) §63.1367(b)(9) §63.1367(b)(10)	§63.1368(a) §63.1368(a)-Table 1 §63.1368(b) §63.1368(c) [G]§63.1368(e) [G]§63.1368(f) [G]§63.1368(g) [G]§63.1368(h) §63.1368(i) §63.1368(m) §63.1368(n) [G]§63.1368(p)
GRP-TANKS ₅	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-TANKS ₅	EU	63MMM-1	HAPS	40 CFR Part 63, Subpart MMM	§63.1362(d) §63.133(a)-Table 10 §63.133(a)(1) [G]§63.1360(e) [G]§63.1360(f) §63.1360(g) [G]§63.1360(h) [G]§63.1360(i) [G]§63.1360(j)	For each wastewater tank that receives, manages, or treats a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream, the owner or operator shall operate and maintain a	§63.144(a) §63.144(a)(2)	§63.1367(a)-Table 1 §63.1367(a)(1) §63.1367(a)(2) [G]§63.1367(a)(3) §63.1367(b) [G]§63.1367(b)(6) §63.147(a) §63.147(b) §63.147(b)(1)	§63.1368(a) §63.1368(a)-Table 1 §63.1368(b) §63.1368(c) [G]§63.1368(e) [G]§63.1368(f) [G]§63.1368(g) [G]§63.1368(h) §63.1368(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§63.1360(k) §63.1362(a)	fixed roof.			§63.1368(n) [G]§63.1368(p)
VP-01T	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(C) § 60.18	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
VP-01T	EU	63MMM-1	112(B) HAPS	40 CFR Part 63, Subpart MMM	§63.1362(c)(2)(iv) [G]§63.1360(e) [G]§63.1360(f) §63.1360(g) [G]§63.1360(h) [G]§63.1360(i) [G]§63.1360(j) [G]§63.1360(k) §63.1362(a) §63.1362(c) §63.1362(c)(2) §63.1362(c)(2)(iv)(C) §63.1362(c)(5)	The owner or operator of a Group 1 storage vessel at an existing source shall equip the affected storage vessel with a closed vent system meeting the conditions of §63.1362(j) and a control device that is a flare that meets the requirements of §63.11(b).	[G]§63.1362(j) [G]§63.1365(a) [G]§63.1365(b) [G]§63.1365(d) §63.1366(a) §63.1366(b)(1) §63.1366(b)(1)-Table 3 §63.1366(b)(1)(vi) [G]§63.1366(b)(1)(xiii)	§63.1367(a)-Table 1 §63.1367(a)(1) §63.1367(a)(2) [G]§63.1367(a)(3) §63.1367(a)(5) §63.1367(b) §63.1367(b)(1) [G]§63.1367(b)(6) §63.1367(b)(7) §63.1367(b)(9) §63.1367(b)(10)	§63.1368(a) §63.1368(a)-Table 1 §63.1368(b) §63.1368(c) [G]§63.1368(e) [G]§63.1368(f) [G]§63.1368(g) [G]§63.1368(h) §63.1368(i) §63.1368(m) §63.1368(n) [G]§63.1368(p)
VP-05T	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
VP-07T	EU	R115-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP-VENTS	VP-01P-1, VP-01P-2, VP-01P-3, VP-03P-1, VP-03P-13, VP-03P-2, VP-03P-3, VP-03P-4, VP-03P-5, VP-03P-6, VP-03P-7, VP-03P-8, VP-100P-1, VP-100P-14, VP-100P-16, VP-100P-17, VP-100P-6, VP-15P	40 CFR Part 63, Subpart FFFF	Emission unit is part of an affected source under 40 CFR 63 Subpart MMM.
UC-02P	N/A	40 CFR Part 60, Subpart RRR	Reactor process does not produce any of the chemicals listed in §60.707 as a product, co-product, by-product, or intermediate.
UC-02P	N/A	40 CFR Part 63, Subpart MMM	Emission unit is part of an affected source under 40 CFR 63 Subpart FFFF.
VP-100P-10	N/A	40 CFR Part 63, Subpart MMM	Emission unit is part of an affected source under 40 CFR 63 Subpart FFFF.
VP-100P-5	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
GRP-FLARES	VP-01AC, VP-01BC	40 CFR Part 60, Subpart A	Control device is not used to comply with applicable subparts of 40 CFR Parts 60 and 61.
VP-05F	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Process does not produce one or more of the chemicals listed in §60.489.

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		
VP-05F	N/A	40 CFR Part 60, Subpart VV	Equipment is not in the synthetic organic chemicals manufacturing industry.
VP-05F	N/A	40 CFR Part 63, Subpart EEEE	Emission unit is part of an affected source under 40 CFR 63 Subpart MMM.
VP-04P	N/A	40 CFR Part 63, Subpart Q	Cooling tower has not used chromium-based water treatment chemicals after 09/08/1994.
AM-01L	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
UC-03L-3	N/A	40 CFR Part 63, Subpart EEEE	Tank and piping system are part of an affected source under 40 CFR 63 Subpart FFFF.
VP-02L-1	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
VP-02L-2	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
VP-02L-3	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
VP-02L-4	N/A	40 CFR Part 63, Subpart EEEE	Organic liquids for purposes of this subpart do not include hazardous waste.
VP-02L-4A	N/A	40 CFR Part 63, Subpart EEEE	Emission unit is part of an affected source under 40 CFR 63 Subpart FFFF.
VP-02L-5	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
VP-100L-1	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
VP-100L-2	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
VP-100L-6	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
AM-01T	N/A	40 CFR Part 60, Subpart Kb	Storage tank was constructed prior to and not modified/reconstructed after 07/23/1984.
AM-01T	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
VP-100L-4	N/A	30 TAC Chapter 115, Storage of VOCs	Unloading operation does not transfer a VOC.
VP-100L-4	N/A	40 CFR Part 63, Subpart MMM	Unloading operation does not transfer any HAPs.
VP-100L-7	N/A	30 TAC Chapter 115, Storage of VOCs	Unloading operation does not transfer a VOC.
VP-100L-7	N/A	40 CFR Part 63, Subpart MMM	Unloading operation does not transfer any HAPs.
GRP-TANKS1	VP-100P-2, VP-100P-3, VP-100P-7, VP-100T, VP-103T	30 TAC Chapter 115, Storage of VOCs	Storage vessel does not store a VOC.
GRP-TANKS1	VP-100P-2, VP-100P-3, VP-100P-7, VP-100T, VP-103T	40 CFR Part 60, Subpart Kb	Storage vessel does not store a VOL.
GRP-TANKS1	VP-100P-2, VP-100P-3, VP-100P-7, VP-100T, VP-103T	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
GRP-TANKS2	VP-06T, VP-10T,	40 CFR Part 60, Subpart Kb	Storage vessel was constructed prior to and not

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		
	VP-13T		modified/reconstructed after 07/23/1984.
GRP-TANKS2	VP-06T, VP-10T, VP-13T	40 CFR Part 63, Subpart EEEE	Emission unit is part of an affected source under 40 CFR 63 Subpart MMM.
GRP-TANKS2	VP-06T, VP-10T, VP-13T	40 CFR Part 63, Subpart FFFF	Emission unit is part of an affected source under 40 CFR 63 Subpart MMM.
GRP-TANKS3	VP-02T, VP-11T	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity greater than 75m3 but less than 151m3 storing a liquid with a TVP less than 15.0kPa.
GRP-TANKS3	VP-02T, VP-11T	40 CFR Part 63, Subpart EEEE	Emission unit is part of an affected source under 40 CFR 63 Subpart MMM.
GRP-TANKS3	VP-02T, VP-11T	40 CFR Part 63, Subpart FFFF	Emission unit is part of an affected source under 40 CFR 63 Subpart MMM.
GRP-TANKS4	VP-08T, VP-09T, VP-100P-9, VP-102T	30 TAC Chapter 115, Storage of VOCs	Storage vessel capacity is less than 1000 gallons.
GRP-TANKS4	VP-08T, VP-09T, VP-100P-9, VP-102T	40 CFR Part 60, Subpart Kb	Storage vessel was constructed prior to and not modified/reconstructed after 07/23/1984.
GRP-TANKS4	VP-08T, VP-09T, VP-100P-9, VP-102T	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
GRP-TANKS5	VP-03T, VP-14T	40 CFR Part 60, Subpart Kb	Storage vessel capacity is less than 75m3.
GRP-TANKS5	VP-03T, VP-14T	40 CFR Part 63, Subpart EEEE	Emission unit is part of an affected source under 40 CFR 63

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

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			Subpart MMM.
GRP-TANKS5	VP-03T, VP-14T	40 CFR Part 63, Subpart FFFF	Emission unit is part of an affected source under 40 CFR 63 Subpart MMM.
VP-01T	N/A	40 CFR Part 60, Subpart Kb	Storage vessel was constructed prior to and not modified/reconstructed after 07/23/1984.
VP-01T	N/A	40 CFR Part 63, Subpart EEEE	Emission unit is part of an affected source under 40 CFR 63 Subpart MMM.
VP-01T	N/A	40 CFR Part 63, Subpart FFFF	Emission unit is part of an affected source under 40 CFR 63 Subpart MMM.
VP-04T	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel does not store a VOC.
VP-04T	N/A	40 CFR Part 60, Subpart Kb	Storage vessel does not store a VOL.
VP-04T	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
VP-05T	N/A	40 CFR Part 60, Subpart Kb	Storage vessel constructed prior to and not modified/reconstructed after 07/23/1984.
VP-05T	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.
VP-07T	N/A	40 CFR Part 60, Subpart Kb	Storage vessel has a capacity greater than 151m ³ storing a liquid with a TVP less than 3.5kPa.
VP-07T	N/A	40 CFR Part 63, Subpart MMM	Storage vessel stores material that contains no organic HAP.

New Source Review Authorization References

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New Source Review Authorization References by Emission Unit..... 36

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.: 2446A	Issuance Date: 04/02/2013
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 8	Version No./Date: 06/07/1996
Number: 103	Version No./Date: 06/07/1996
Number: 106	Version No./Date: 10/04/1995
Number: 118	Version No./Date: 10/04/1995
Number: 118	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 listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
AM-01L	DMA UNLOADING	2446A
AM-01T	DMA STORAGE SPHERE	2446A
EC-VACCAS	VACUUM TRUCK CAS	2446A
EC-VACTRK	VACUUM TRUCK CLEANING	2446A
UC-02P	NAOME REACTOR	2446A
UC-03L-3	NAOME UNLOADING	2446A
VP-01AC	VELPAR FLARE	2446A, 106.261/11/01/2003, 106.262/11/01/2003
VP-01BC	NAOME FLARE	2446A, 106.261/11/01/2003, 106.262/09/04/2000
VP-01P-1	EXTRACTOR	2446A
VP-01P-2	VACUUM STRIPPER COLUMN	2446A
VP-01P-3	CYCLOHEXYLISOCY ANATE REACTOR	2446A
VP-01T	HEXANE STORAGE TANK	2446A
VP-02L-1	HEXANE UNLOADING	2446A
VP-02L-2	DRY TOLUENE LOADING & UNLOADING	2446A
VP-02L-3	CYCLOHEXYLISOCY ANATE LOADING & UNLOADING	2446A
VP-02L-4A	LOADING RACK	2446A

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
VP-02L-4	HEXAZINONE WASTE LOADING	2446A
VP-02L-5	WET TOLUENE LOADING & UNLOADING	2446A
VP-02T	CRUDE HEXAZINONE STORAGE TANK	2446A
VP-03P-13	CENTRIFUGE	2446A
VP-03P-1	CONCENTRATOR	2446A
VP-03P-2	CRYSTALLIZER	2446A
VP-03P-3	SLURRY HOLD TANK	2446A
VP-03P-4	MOTHER LIQUOR TANK	2446A
VP-03P-5	DRYER	2446A
VP-03P-6	STILL FEED TANK	2446A
VP-03P-7	VELPAR STILL COLUMN (HEXANE STILL)	2446A
VP-03P-8	TOLUENE STILL	2446A
VP-03T	BURNER FEED TANK	2446A
VP-04P	COOLING TOWER	2446A
VP-04T	PRODUCTIVE BIN/PACKAGING BIN	2446A
VP-05F	FUGITIVE EMISSION SOURCE	2446A, 106.261/11/01/2003, 106.262/11/01/2003, 106/10/04/1995, 118/06/07/1996

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
VP-05T	BELLE INTERMEDIATE STORAGE TANK	2446A
VP-06T	WET TOLUENE STORAGE TANK	2446A
VP-07T	CYCLOHEXYLISOCY ANATE STORAGE TANK	2446A
VP-08T	ACETIC ACID STORAGE TANK	2446A
VP-09T	NAOME ADDITION POT	2446A
VP-100L-1	F3455.HCI UNLOADING	2446A
VP-100L-2	A3674 IN TOLUENE LOADING & UNLOADING	2446A
VP-100L-4	NAOCL UNLOADING	2446A
VP-100L-6	DMA UNLOADING	2446A
VP-100L-7	50% NAOH UNLOADING	2446A
VP-100P-10	NAOME SEPARATOR	2446A
VP-100P-14	SECONDARY AMINES RECOVERY COLUMN	2446A
VP-100P-16	SECONDARY AMINES RECOVERY TANK	2446A
VP-100P-17	PRIMARY AMINES RECOVERY TANK	2446A
VP-100P-1	EXTRACTOR PUMP TANK	2446A
VP-100P-2	22% NAOH TANK (CAUSTIC DILUTION TANK)	2446A
VP-100P-3	CAUSTIC FEED TANK	2446A
VP-100P-5	RECIRCULATION TANK	2446A

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
VP-100P-6	AIR CONDENSATE TANK	2446A
VP-100P-7	CONDENSATE FLASH TANK	2446A
VP-100P-8	VACUUM PUMP SEPARATOR	2446A
VP-100P-9	NAOME OIL SURGE TANK	2446A
VP-100T	SULFURIC ACID TANK	2446A
VP-102T	NAOME BRINE TANK (METHANOL)	2446A
VP-103T	50% CAUSTIC STORAGE TANK	2446A
VP-10T	BRINE STORAGE TANK	2446A
VP-11T	STRIPPED STORAGE TANK	2446A
VP-13T	DRY TOLUENE STORAGE TANK	2446A
VP-14T	HEXAZINONE WASTE STORAGE TANK	2446A
VP-15P	CYCLOHEXYLISOCY ANATE REACTOR SEAL POT	2446A
VP-LMSS	LINE OPENING	2446A
VP-RMSS	VESSEL OPENING	2446A
VP-TVPMSS	TANK BREATHING LOSSES	2446A

Appendix A

Acronym List 41

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