

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Ascend Performance Materials Texas Inc.

AUTHORIZING THE OPERATION OF
Chocolate Bayou Plant
DSIDA
All Other Basic Inorganic Chemical Manufacturing

LOCATED AT
Brazoria County, Texas
Latitude 29° 15' 28" Longitude 95° 12' 48"
Regulated Entity Number: RN100238682

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: O2318 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 G, YY, and FFFF, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC Chapter 113,

Subchapter C, § 113.120, § 113.560, and § 113.890, respectively, which incorporate the 40 CFR Part 63 Subparts by reference.

- F. For the purpose of generating emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 1 (Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
- (i) Title 30 TAC § 101.302 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.303 (relating to Emission Reduction Credit Generation Certification)
 - (iii) Title 30 TAC § 101.304 (relating to Mobile Emission Reduction Credit Generation and Certification)
 - (iv) Title 30 TAC § 101.309 (relating to Emission Credit Banking and Trading)
 - (v) The terms and conditions by which the emission limits are established to generate the reduction credit are applicable requirements of this permit
- G. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 3 (Mass Emission Cap and Trade Program) Requirements:
- (i) Title 30 TAC § 101.352 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.353 (relating to Allocation of Allowances)
 - (iii) Title 30 TAC § 101.354 (relating to Allowance Deductions)
 - (iv) Title 30 TAC § 101.356 (relating to Allowance Banking and Trading)
 - (v) Title 30 TAC § 101.359 (relating to Reporting)
 - (vi) Title 30 TAC § 101.360 (relating to Level of Activity Certification)
 - (vii) The terms and conditions by which the emission limits are established to meet or exceed the cap are applicable requirements of this permit
- H. For the purpose of generating discrete emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 4 (Discrete Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
- (i) Title 30 TAC § 101.372 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.373 (relating to Discrete Emission Reduction Credit Generation and Certification)
 - (iii) Title 30 TAC § 101.374 (relating to Mobile Discrete Emission Reduction Credit Generation and Certification)
 - (iv) Title 30 TAC § 101.378 (relating to Discrete Emission Credit Banking and Trading)
 - (v) The terms and conditions by which the emission limits are established to generate the discrete reduction credit are applicable requirements of this permit

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation

of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

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

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

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. 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.
- C. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
 - (ii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
 - (iii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
- 4. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with 40 CFR Part 63, Subpart G as specified in 30 TAC § 115.143(c)(1) - (3).
- 5. 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)
6. For facilities where total annual benzene quantity from waste is greater than or equal to 10 megagrams 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 § 61.342(c)(1)(i) - (iii) (relating to Standards: General)
 - B. Title 40 CFR § 61.342(f)(1), and (2) (relating to Standards: General)
 - C. Title 40 CFR § 61.342(g) (relating to Standards: General)
 - D. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)
 - E. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions)
 - F. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)
 - G. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)
 - H. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)
 - I. Title 40 CFR § 61.356(c) (relating to Recordkeeping Requirements)
 - J. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)
7. For facilities with containers subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.345(a)(1) - (3), (b), and (c) (relating to Standards: Containers)
 - B. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
 - C. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
 - D. Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
8. For facilities with individual drain systems subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:

- A. Title 40 CFR § 61.346(a)(1)(i)(A), (B), (ii), (2), and (3) (relating to Standards: Individual Drain Systems)
 - B. Title 40 CFR § 61.346(a)(1)(i)(C)(1) - (3) (relating to Standards: Individual Drain Systems)
 - C. Title 40 CFR § 61.346(b)(1), (2), (2)(i), (3), (4)(i) - (iv), and (5) (relating to Standards: Individual Drain Systems)
 - D. Title 40 CFR § 61.346(b)(2)(ii)(A) (relating to Standards: Individual Drain Systems), for junction boxes
 - E. Title 40 CFR § 61.346(b)(2)(ii)(B) (relating to Standards: Individual Drain Systems), for junction boxes
 - F. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
 - G. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
 - H. Title 40 CFR § 61.356(h) (relating to Recordkeeping 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. For the miscellaneous chemical process facilities subject to process wastewater operations requirements as specified in 40 CFR § 63.2485, Table 7, the permit holder shall comply with the following requirements or 40 CFR Part 63, Subpart G (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).
 - A. Title 40 CFR § 63.135(a) - (f) (relating to Process Wastewater Provisions - Container)
 - B. Title 40 CFR § 63.136(a) (relating to Process Wastewater Provisions - Individual Drain Systems)
 - C. Title 40 CFR § 63.136(b) - (d) (relating to Process Wastewater Provisions - Individual Drain Systems)
 - D. Title 40 CFR § 63.136(e) - (g) (relating to Process Wastewater Provisions - Individual Drain Systems)

Additional Monitoring Requirements

- 12. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:

- A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
- B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
- C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
- D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
- E. The permit holder shall comply with either of the following requirements for any capture system associated with the VOC control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions:
 - (i) Once a year the permit holder shall inspect the capture system in compliance of CAM for leaks in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppm above background or as defined by the underlying applicable requirement; or
 - (ii) Once a month, the permit holder shall conduct a visual, audible, and/or olfactory inspection of the capture system in compliance of CAM to detect leaking components.
- F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

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 (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated March 11, 2025 in the application for project 37935), 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, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).
- 16. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
 - A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
 - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
 - C. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects

Compliance Requirements

- 17. 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.
- 18. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
 - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
 - (i) For sources in the Houston-Galveston-Brazoria Nonattainment area, 30 TAC § 117.9020:
 - (1) Title 30 TAC § 117.9020(2)(A), (C), and (D)
 - B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.350(c) and (c)(1).
 - C. The permit holder shall comply with the requirements of 30 TAC § 117.354 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.356 for Revision of Final Control Plan.

19. 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)-(d)
 - (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)-(d)
 - (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)
20. 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

21. 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

22. 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

23. 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)

A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

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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 (§ 122.144), Reporting Terms and Conditions (§ 122.145), and Compliance Certification Terms and Conditions (§ 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
40D1	TREATMENT PROCESS	N/A	61FF-02	40 CFR Part 61, Subpart FF	No changing attributes.
40D1	STORAGE TANKS/VESSELS	N/A	R5143-4	40 CFR Part 63, Subpart G	No changing attributes.
40R5	STORAGE TANKS/VESSELS	N/A	R5143-5	40 CFR Part 63, Subpart G	No changing attributes.
40R8	STORAGE TANKS/VESSELS	N/A	R5143-6	40 CFR Part 63, Subpart G	No changing attributes.
40T2-2	STORAGE TANKS/VESSELS	N/A	R5143-1	40 CFR Part 63, Subpart G	No changing attributes.
40T2-3	STORAGE TANKS/VESSELS	N/A	R5143-2	40 CFR Part 63, Subpart G	No changing attributes.
40T39	STORAGE TANKS/VESSELS	N/A	R5143-7	40 CFR Part 63, Subpart G	No changing attributes.
40T41	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
40T58	STORAGE TANKS/VESSELS	N/A	61FF-01	40 CFR Part 61, Subpart FF	No changing attributes.
40T58	STORAGE TANKS/VESSELS	N/A	R5143-3	40 CFR Part 63, Subpart G	No changing attributes.
CHMTALD	LOADING/UNLOADING OPERATIONS	N/A	R511-4	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
CHMTARCLD	LOADING/UNLOADING OPERATIONS	N/A	R511-3	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
DSIDA CMPU	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF	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
DSIDA CMPU	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF	40 CFR Part 63, Subpart FFFF	No changing attributes.
FIDA	FUGITIVE EMISSION UNITS	N/A	63YY	40 CFR Part 63, Subpart YY	No changing attributes.
GRP DSIDA CMPU	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	40D1, 40F1-1/2/3, 40R1-1/2/3, 40R2- 1/2/3/4, 40S7, 40S8, 40T2-2/3, 40T3- 1/2/3, 40T4-2, 40T58, 40V1-1/2/3	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
IDA-CMPU	CHEMICAL MANUFACTURING PROCESS	N/A	63YY	40 CFR Part 63, Subpart YY	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)
40D1	PRO	61FF-02	Benzene	40 CFR Part 61, Subpart FF	§ 61.348(a)(1) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(B) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall design, install, operate and maintain a treatment process that removes or destroys benzene as specified.	§ 61.348(f) § 61.349(a)(1)(i) § 61.349(a)(2)(i)(B) § 61.349(e) § 61.349(f) § 61.354(a)(2) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h)	§ 61.354(a)(2) § 61.354(c) § 61.354(c)(1) § 61.356(e) § 61.356(e)(1) § 61.356(e)(2) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(A) § 61.356(h) [G]§ 61.356(i) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	§ 61.357(d)(7) § 61.357(d)(7)(ii) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)
40D1	EU	R5143-4	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(2)(i) § 63.132(a)(2)(i)(A) § 63.132(a)(2)(i)(B) [G]§ 63.132(f) § 63.133(b)(1)(iii) § 63.133(f) § 63.133(h) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(iii) § 63.139(d)(1) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c) § 63.144(a) § 63.145(i)(9) [G]§ 63.148(d) § 63.148(e)	A fixed roof and a closed-vent system that routes the organic hazardous air pollutants vapors vented from the wastewater tank to a control device.	§ 63.133(f) § 63.133(g) § 63.133(g)(3) § 63.139(c)(1)(iii) § 63.139(d)(1) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.144(b) § 63.144(b)(1) § 63.144(b)(2) § 63.144(b)(3) § 63.144(b)(4) § 63.144(b)(5) [G]§ 63.144(b)(5)(i) § 63.144(b)(5)(ii) [G]§ 63.144(b)(5)(iii) § 63.144(b)(5)(iv)	§ 63.133(h) § 63.143(f) § 63.144(b)(3) § 63.144(b)(4) § 63.144(b)(5)(iii) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.145(a)(3) [G]§ 63.145(a)(4) § 63.147(b) § 63.147(b)(1) § 63.147(b)(2) § 63.147(b)(5) § 63.147(b)(6) § 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(6) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(C) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.146(g) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) § 63.151(e)(5) § 63.151(f) § 63.151(f)(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)
							§ 63.144(b)(6) § 63.144(c) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.144(c)(4) § 63.145(a)(3) [G]§ 63.145(a)(4) § 63.145(a)(5) [G]§ 63.145(a)(6) § 63.145(i)(1) § 63.145(i)(2) § 63.145(i)(3) § 63.145(i)(4) § 63.145(i)(5) [G]§ 63.145(i)(6) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.151(f)(2) § 63.151(f)(3) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
40R5	EU	R5143-5	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(2)(i) § 63.132(a)(2)(i)(A) § 63.132(a)(2)(i)(B) [G]§ 63.132(f) § 63.133(b)(1)(ii) § 63.133(f) § 63.133(h) § 63.139(b) § 63.139(c)(1) § 63.139(c)(1)(ii) § 63.139(d)(1) § 63.139(f) § 63.140(a) § 63.140(b) § 63.140(c)	A fixed roof and a closed-vent system that routes the organic hazardous air pollutants vapors vented from the wastewater tank to a control device.	§ 63.133(f) § 63.133(g) § 63.133(g)(3) § 63.139(c)(1)(ii) § 63.139(d)(1) § 63.139(e) § 63.143(a) § 63.143(e) § 63.143(e)(1) § 63.143(f) § 63.143(g) § 63.144(b) § 63.144(b)(1) § 63.144(b)(2) § 63.144(b)(3)	§ 63.133(h) § 63.143(f) § 63.144(b)(3) § 63.144(b)(4) § 63.144(b)(5)(ii) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.145(a)(3) [G]§ 63.145(a)(4) § 63.147(b) § 63.147(b)(1) § 63.147(b)(2) § 63.147(b)(5) § 63.147(b)(6)	§ 63.146(b)(2) § 63.146(b)(5) § 63.146(b)(6) § 63.146(b)(7) § 63.146(b)(7)(ii) § 63.146(b)(7)(ii)(A) § 63.146(b)(7)(ii)(C) § 63.146(c) § 63.146(e) § 63.146(e)(1) § 63.146(g) § 63.148(j) § 63.148(j)(1) [G]§ 63.151(b) § 63.151(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.144(a) § 63.145(i)(9) [G]§ 63.148(d) § 63.148(e)		§ 63.144(b)(4) § 63.144(b)(5) [G]§ 63.144(b)(5)(i) § 63.144(b)(5)(ii) [G]§ 63.144(b)(5)(iii) § 63.144(b)(5)(iv) § 63.144(b)(6) § 63.144(c) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.144(c)(4) § 63.145(a)(3) [G]§ 63.145(a)(4) § 63.145(a)(5) [G]§ 63.145(a)(6) § 63.145(i)(1) § 63.145(i)(2) § 63.145(i)(3) § 63.145(i)(4) § 63.145(i)(5) [G]§ 63.145(i)(6) § 63.148(b)(1)(ii) § 63.148(b)(2)(iii) § 63.148(b)(3) [G]§ 63.148(c) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.147(d) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) § 63.151(e)(5) § 63.151(f) § 63.151(f)(1) § 63.151(f)(2) § 63.151(f)(3) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(2)(iv) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
40R8	EU	R5143-6	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(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)
									[G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
40T2-2	EU	R5143-1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
40T2-3	EU	R5143-2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
40T39	EU	R5143-7	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(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)
									§ 63.152(c)(4)(ii)
40T41	EU	R5112-1	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
40T58	EU	61FF-01	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(B) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(2)(i)(B) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(1) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(A) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)
40T58	EU	R5143-3	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
CHMTALD	EU	R511-4	VOC	30 TAC Chapter 115, Loading and	§ 115.217(a)(1) § 115.214(a)(1)(B)	Vapor pressure (at land-based operations). All land-	§ 115.214(a)(1)(A) §	§ 115.216 § 115.216(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)
				Unloading of VOC	§ 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	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)(i) § 115.215 § 115.215(4)	§ 115.216(3)(B)	
CHMTARCLD	EU	R511-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 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
DSIDA CMPU	EU	63FFFF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2450(i)(1) § 63.2450(i)(2) § 63.2460(a)-Table 2.1.c § 63.2460(b) § 63.2460(c)(7) § 63.982(c) § 63.982(c)(2) § 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) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(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) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(6) § 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)	§ 63.2450(k)(6) § 63.2460(c)(3)(ii) § 63.2460(c)(6) § 63.2525(g) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [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) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii)	§ 63.2450(q) § 63.2460(c)(3)(i) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

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)
					§ 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)		§ 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) § 63.997(e)(2)(i)(B) § 63.997(e)(2)(ii) § 63.997(e)(2)(iii) § 63.997(e)(2)(iii)(A) [G]§ 63.997(e)(2)(iii)(B) [G]§ 63.997(e)(2)(iii)(C) [G]§ 63.997(e)(2)(iii)(D) [G]§ 63.997(e)(2)(iii)(E) § 63.997(e)(2)(iv)(I) § 63.997(e)(2)(iv)(I)(2)) § 63.997(e)(2)(iv)(I)(3))	§ 63.998(d)(5)	

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)
DSIDA CMPU	EP	63FFFF	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.i § 63.2450(b) § 63.2450(i)(1) § 63.2450(i)(2) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(c) § 63.982(c)(2) § 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) § 63.988(a)(1) § 63.988(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)	For each Group 1 continuous process vent, the owner or operator must reduce emissions to an outlet process concentration less than or equal to 20 ppmv as organic HAP or TOC by venting emissions through a closed-vent system to any combination of control devices (except flare).	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2450(g) § 63.2450(g)(1) § 63.2450(g)(2) [G]§ 63.2450(g)(3) § 63.2450(g)(4) § 63.2450(k)(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) § 63.988(b)(1) § 63.988(c)(1) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(iii) [G]§ 63.997(d) § 63.997(e) § 63.997(e)(1)(i) [G]§ 63.997(e)(1)(iv) [G]§ 63.997(e)(1)(v) § 63.997(e)(2) § 63.997(e)(2)(i) § 63.997(e)(2)(i)(B) § 63.997(e)(2)(ii) § 63.997(e)(2)(iii) § 63.997(e)(2)(iii)(A) [G]§	§ 63.2450(k)(6) § 63.2525(g) § 63.2525(h) § 63.983(b) [G]§ 63.983(d)(2) § 63.988(b)(1) § 63.996(c)(2)(ii) § 63.998(a)(2)(i) § 63.998(a)(2)(ii)(A) § 63.998(a)(2)(ii)(B)(1) § 63.998(a)(2)(ii)(B)(4) [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) § 63.998(c)(2)(iii) § 63.998(c)(3)(iii) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.988(b)(1) § 63.996(b)(2) § 63.996(c)(6) § 63.997(c)(3) § 63.998(a)(2)(ii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)

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(e)(2)(iii)(B) [G]§ 63.997(e)(2)(iii)(C) [G]§ 63.997(e)(2)(iii)(D) [G]§ 63.997(e)(2)(iii)(E) § 63.997(e)(2)(iv)(I) § 63.997(e)(2)(iv)(I)(2)) § 63.997(e)(2)(iv)(I)(3))		
FIDA	EU	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1103 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart YY	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart YY
GRP DSIDA CMPU	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(A)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2)	None
IDA-CMPU	PRO	63YY	112(B) HAPS	40 CFR Part 63, Subpart YY	§ 63.1100 The permit holder shall comply with	The permit holder shall comply with the applicable requirements of 40 CFR	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable	The permit holder shall comply with the applicable reporting

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)
					the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart YY	Part 63, Subpart YY	monitoring and testing requirements of 40 CFR Part 63, Subpart YY	recordkeeping requirements of 40 CFR Part 63, Subpart YY	requirements of 40 CFR Part 63, Subpart YY

Additional Monitoring Requirements

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CAM Summary

Unit/Group/Process Information	
ID No.: GRP DSIDA CMPU	
Control Device ID No.: 55H2	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Temperature > 1450 F	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 0.75% of the temperature being measured expressed in degrees Celsius; or ± 2.5 degrees Celsius. 	

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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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
320K401	N/A	30 TAC Chapter 115, Vent Gas Controls	Does not control vent gas stream containing VOC
320T401-1	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not contain VOC
320T401-1	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids (VOLs).
320T401-1	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
320T401-2	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not contain VOC
320T401-2	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids (VOLs).
320T401-2	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
323K401	N/A	30 TAC Chapter 115, Vent Gas Controls	Does not control vent gas stream containing VOC
40K3	N/A	30 TAC Chapter 115, Vent Gas Controls	Does not control a vent gas stream containing VOC
40T14	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity of the storage container is not more than 1,000 gallons.
40T14	N/A	40 CFR Part 60, Subpart Kb	Capacity of the storage vessel is less than 75 cubic meters.
40T14	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T19	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is a process vessel
40T19	N/A	40 CFR Part 60, Subpart Kb	Tank is a process tank
40T19	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T20	N/A	40 CFR Part 60, Subpart Kb	Capacity of the storage vessel is less than 75 cubic meters

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
40T20	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T35	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is process vessel
40T35	N/A	40 CFR Part 60, Subpart Kb	Tank is a process tank
40T35	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T40	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity of the storage container is not more than 1,000 gallons
40T40	N/A	40 CFR Part 60, Subpart Kb	Capacity of the storage vessel is less than 75 cubic meters.
40T40	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T41	N/A	40 CFR Part 60, Subpart Ka	Unit does not store a petroleum liquid.
40T41	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T42	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity of the storage container is not more than 1,000 gallons
40T42	N/A	40 CFR Part 60, Subpart Kb	Capacity of the storage vessel is less than 75 cubic meters.
40T42	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T45	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity of the storage container is not more than 1,000 gallons.
40T45	N/A	40 CFR Part 60, Subpart Kb	Capacity of the storage vessel is less than 75 cubic meters.
40T45	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T46	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store volatile organic compounds (VOCs).

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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
40T46	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids (VOLs).
40T46	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T48	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store volatile organic compounds (VOCs).
40T48	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids (VOLs).
40T48	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T50	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is a process vessel
40T50	N/A	40 CFR Part 60, Subpart Kb	Tank is a process tank
40T50	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T51	N/A	30 TAC Chapter 115, Industrial Wastewater	Not an affected VOC wastewater stream since annual average VOC concentration is less than 1000 ppmw.
40T51	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T52-2	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity of the storage container is not more than 1,000 gallons
40T52-2	N/A	40 CFR Part 60, Subpart Kb	Capacity of the storage vessel is less than 75 cubic meters.
40T52-2	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T52-3	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity of the storage container is not more than 1,000 gallons.
40T52-3	N/A	40 CFR Part 60, Subpart Kb	Capacity of the storage vessel is less than 75 cubic meters.

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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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
40T52-3	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU.
40T54	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not contain VOC
40T54	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids (VOLs).
40T54	N/A	40 CFR Part 63, Subpart G	The DSIDA Unit is not a HON CMPU
40T56-2	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store volatile organic compounds (VOCs).
40T56-2	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids (VOLs).
40T56-2	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
40T59	N/A	30 TAC Chapter 115, Industrial Wastewater	The tank does not store VOC wastewaters
40T59	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU.
55H3	N/A	40 CFR Part 60, Subpart Db	Heat input from fuels combusted less than 100 MMBtu/hr
55H3	N/A	40 CFR Part 60, Subpart Dc	Not constructed, reconstructed, or modified after June 9, 1989.
DSIDA CMPU	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
DSIDA-LOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	The material loaded does not contain VOC. Therefore, no rule pertaining to 30 TAC Chapter 115 is applicable to this emission source.
DSIDA-LOAD	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU
F320T401	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Fugitive components not in VOC service
F320T401	N/A	40 CFR Part 60, Subpart VV	Fugitive components not in VOC service

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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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
F320T401	N/A	40 CFR Part 63, Subpart H	The DSIDA unit is not a HON CMPU
FIDA	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Unit is not a SOCMI unit, nor is it a petroleum refinery, polymer, resin, MTBE, or natural gas/gasoline processing facility.
FIDA	N/A	40 CFR Part 60, Subpart VV	Unit is a non-SOCMI unit.
FIDA	N/A	40 CFR Part 63, Subpart H	The DSIDA unit is not a HON CMPU.
FT56FUG	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Unit is not a SOCMI unit, nor is it a petroleum refinery, polymer, resin, MTBE, or natural gas/gasoline processing facility.
FT56FUG	N/A	40 CFR Part 60, Subpart VV	Unit is a non-SOCMI unit.
FT56FUG	N/A	40 CFR Part 63, Subpart H	The DSIDA unit is not a HON CMPU.
FT56TRANSFUG	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Unit is not a SOCMI unit, nor is it a petroleum refinery, polymer, resin, MTBE, or natural gas/gasoline processing facility.
FT56TRANSFUG	N/A	40 CFR Part 60, Subpart VV	Unit is a non-SOCMI unit.
FT56TRANSFUG	N/A	40 CFR Part 63, Subpart H	The DSIDA unit is not a HON CMPU.
GRPHMTACTRS	40V1-1, 40V1-2, 40V1-3	30 TAC Chapter 115, Storage of VOCs	Tank is a process vessel.
GRPHMTACTRS	40V1-1, 40V1-2, 40V1-3	40 CFR Part 60, Subpart Kb	Tank is a process tank.
GRPHMTACTRS	40V1-1, 40V1-2, 40V1-3	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU.
GRPNAOHTKS	40T49-1, 40T49-2, 40T49-3, 40T49-4	30 TAC Chapter 115, Storage of VOCs	Tank does not contain VOC.
GRPNAOHTKS	40T49-1, 40T49-2, 40T49-3, 40T49-4	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids (VOLs).
GRPNAOHTKS	40T49-1, 40T49-2, 40T49-3, 40T49-4	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CMPU.

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 ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRPRESLURRYTKS	40T5-1, 40T5-2, 40T5-3	30 TAC Chapter 115, Storage of VOCs	Tank is a process vessel.
GRPRESLURRYTKS	40T5-1, 40T5-2, 40T5-3	40 CFR Part 60, Subpart Kb	Tank is a process tank.
GRPRESLURRYTKS	40T5-1, 40T5-2, 40T5-3	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CPMU.
GRPSCRBRTKS	40T6-1, 40T6-2, 40T6-3, 40T6-4	30 TAC Chapter 115, Storage of VOCs	Tank is a process vessel.
GRPSCRBRTKS	40T6-1, 40T6-2, 40T6-3, 40T6-4	40 CFR Part 60, Subpart Kb	Tank is a process tank.
GRPSCRBRTKS	40T6-1, 40T6-2, 40T6-3, 40T6-4	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CPMU.
H3PO4-UNLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Does not load/unload VOCs
H3PO4-UNLOAD	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CPMU
HCL-UNLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Does not load/unload VOCs
HCL-UNLOAD	N/A	40 CFR Part 63, Subpart G	The DSIDA unit is not a HON CPMU
IDA-CMPU	N/A	40 CFR Part 63, Subpart F	Not a SOCMI CPMU

New Source Review Authorization References

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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.: 5084	Issuance Date: 07/31/2015
Authorization No.: 77079	Issuance Date: 04/09/2024
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
320K401	HCL STORAGE SCRUBBER	5084, 106.264/09/04/2000 [93222]
320T401-1	HCl STORAGE TANK	5084
320T401-2	HCl STORAGE TANK	5084
323K401	RAILCAR UNLOADING SCRUBBER	5084
40D1	STRIPPER COLUMN	5084
40F1-1/2/3	CENTRIFUGES VENT	5084
40K3	RAILCAR SCRUBBER	5084
40R1-1/2/3	NITRILE REACTORS VENT	5084
40R2-1/2/3/4	HYDROLYZERS VENT	5084
40R5	DSIDA WASTE REACTOR	5084
40R8	PH ADJUSTMENT TANK	5084
40S7	HIGH HCN SEPARATOR VENT	5084
40S8	LOW HCN SEPARATOR VENT	5084
40T14	NON TOXIC SEAL TANK	5084
40T19	ACIDIFIED WATER TANK	5084
40T2-2	JET RECEIVER TANK	5084
40T2-2/3	JET RECEIVER TANKS VENT	5084
40T2-3	JET RECEIVER TANK	5084
40T20	CHILLED WATER STORAGE TANK	5084
40T3-1/2/3	CENTRIFUGE FEED TANK	5084
40T35	25# FLASH TANK	5084

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**
40T39	WASTE HOLD TANK	5084
40T4-2	JET RECEIVER TANK VENT	5084
40T40	CHILLED WATER CHEMICAL FEED TANK	5084
40T41	HMTA STORAGE TANK	5084
40T42	ANTI-FOAM TOTE	5084
40T45	LUBE OIL TANK	5084
40T46	DSIDA STORAGE TANK (DAY TANK)	5084
40T48	DSIDA SHIPPING STORAGE TANK	5084
40T49-1	NAOH PREMIX TANK	5084
40T49-2	NAOH PREMIX TANK	5084
40T49-3	NAOH PREMIX TANK	5084
40T49-4	NAOH PREMIX TANK	5084
40T5-1	RESLURRY TANK	5084
40T5-2	RESLURRY TANK	5084
40T5-3	RESLURRY TANK	5084
40T50	TOXIC SEAL TANK	5084
40T51	NON-TOXIC SUMP	5084
40T52-2	LINE 1&2 ANTI-FOAM TANK	5084
40T52-3	LINE 3 ANTI-FOAM TANK	5084
40T54	PHOSPHORIC ACID TANK	5084
40T56-2	DSIDA AUXILIARY STORAGE TANK	5084

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**
40T58	BAROMETRIC SEAL TANK	5084
40T58	BAROMETRIC SEAL TANK VENT	5084
40T59	AUXILIARY STORAGE SUMP	5084
40T6-1	SCRUBBER TANK	5084
40T6-2	SCRUBBER TANK	5084
40T6-3	SCRUBBER TANK	5084
40T6-4	SCRUBBER TANK	5084
40V1-1	HMTA CONCENTRATOR	5084
40V1-1/2/3	HMTA CONCENTRATORS VENT	5084
40V1-2	HMTA CONCENTRATOR	5084
40V1-3	HMTA CONCENTRATOR	5084
55H3	50H3 DSIDA WASTE HEAT BOILER	5084
CHMTALD	TANK TRUCK LOADING OF CONCENTRATED HMTA	106.472/09/04/2000
CHMTARCLD	RAILCAR LOADING OF CONCENTRATED HMTA	106.472/09/04/2000
DSIDA CMPU	DSIDA MANUFACTURING UNIT	5084
DSIDA-LOAD	DSIDA LOADING	5084
DSIDA-MSS-PE	PROCESS EQUIPMENT OPENING	5084
DSIDA-MSS-TC	TANK CLEANING	5084
F320T401	HCL STORAGE FUGITIVES	5084
FIDA	FUGITIVES	5084
FT56FUG	DSDIA AUXILIARY STORAGE FUGITIVES	5084

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**
FT56TRANSFUG	DSDIA TRANSFER LOOP FUGITIVES	5084
H3PO4-UNLOAD	PHOSPHORIC ACID UNLOADING	5084
HCL-UNLOAD	HCL UNLOADING	5084
IDA-CMPU	IDA MFG PROCESS	5084

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Appendix A

Acronym List 42

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
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (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
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
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
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
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
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