

From: Kelley Oswalt <kelley.oswalt@trinityconsultants.com>
Sent: Tuesday, June 24, 2025 10:51 AM
To: Alfredo Mendoza; craig.kondoff@cheniere.com
Subject: RE: Working Draft Permit - Corpus Christi Liquefaction LLC, permit O3580

Hi Alfredo,

We have reviewed the draft permit and don't have any comments. We approve of this draft.

Thanks!

Kelley Oswalt
Senior Consultant
Trinity Consultants
512-693-4191 (office)

From: Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
Sent: Wednesday, June 11, 2025 3:40 PM
To: craig.kondoff@cheniere.com
Cc: Kelley Oswalt <kelley.oswalt@trinityconsultants.com>
Subject: Working Draft Permit - Corpus Christi Liquefaction LLC, permit O3580

Mr. Kondoff,

I have been assigned as the permit reviewer for the Title V minor revision application submitted for the Corpus Christi Liquefaction permit O3580. The application has been assigned project number 38064. I have completed my technical review, and I have attached a working draft permit that incorporates the changes requested in the application. Please submit any comments on the working draft permit by **July 11, 2025**.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at
<https://www.tceq.texas.gov/customersurvey>

From: Alfredo Mendoza
Sent: Wednesday, June 11, 2025 3:40 PM
To: craig.kondoff@cheniere.com
Cc: kelley.oswalt@trinityconsultants.com
Subject: Working Draft Permit - Corpus Christi Liquefaction LLC, permit O3580
Attachments: Working draft permit O3580.docx

Mr. Kondoff,

I have been assigned as the permit reviewer for the Title V minor revision application submitted for the Corpus Christi Liquefaction permit O3580. The application has been assigned project number 38064. I have completed my technical review, and I have attached a working draft permit that incorporates the changes requested in the application. Please submit any comments on the working draft permit by **July 11, 2025**.

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FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Corpus Christi Liquefaction, LLC

AUTHORIZING THE OPERATION OF
Corpus Christi Liquefaction
Natural Gas Distribution

LOCATED AT
San Patricio County, Texas
Latitude 27° 52' 59" Longitude 97° 16' 9"
Regulated Entity Number: RN104104716

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: O3580 Issuance Date: February 24, 2021

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 EEEE, YYYY, & ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter

113, Subchapter C, § 113.880, § 113.1080 and § 113.1090 which incorporate the 40 CFR Part 63 Subpart by reference.

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

does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

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

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

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. 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. 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(c)(1).
- 5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
 - A. When filling stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons at a Stage I motor vehicle fuel dispensing facility, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
 - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
 - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
 - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
- 6. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

- B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
7. The permit holder shall comply with the 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.

Additional Monitoring Requirements

8. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

9. 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 and conditions which include monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated December 5, 2022 in the application for project 32978), 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
10. 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.

11. 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).

Compliance Requirements

12. 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.
13. 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)

Protection of Stratospheric Ozone

14. 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

15. 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)

16. 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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Applicable Requirements Summary	13
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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 (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
GEN11	SRIC ENGINES	N/A	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
GEN11	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GEN12	SRIC ENGINES	N/A	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
GEN12	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GEN5	SRIC ENGINES	N/A	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
GEN5	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GEN6	SRIC ENGINES	N/A	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
GEN6	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GEN7	SRIC ENGINES	N/A	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
GEN7	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GEN8	SRIC ENGINES	N/A	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
GEN8	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GEN9	SRIC ENGINES	N/A	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
GEN9	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPAGRU	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	AGRU1, AGRU2, AGRU3	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPFWPUMP	SRIC ENGINES	FWPUMP1, FWPUMP2	60III-2	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPFWPUMP	SRIC ENGINES	FWPUMP1, FWPUMP2	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPGEN1-4	SRIC ENGINES	GEN1, GEN2, GEN3, GEN4	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPGEN1-4	SRIC ENGINES	GEN1, GEN2, GEN3, GEN4	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPHPFUEL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	HPFUEL1, HPFUEL2, HPFUEL3	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPLPFUEL	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	LPFUEL1, LPFUEL2, LPFUEL3	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
GRPTRB1-18	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	TRB1, TRB10, TRB11, TRB12, TRB13, TRB14, TRB15, TRB16, TRB17, TRB18, TRB2, TRB3, TRB4, TRB5, TRB6, TRB7, TRB8, TRB9	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPTRB1-18	STATIONARY TURBINES	TRB1, TRB10, TRB11, TRB12, TRB13, TRB14, TRB15, TRB16, TRB17, TRB18, TRB2, TRB3, TRB4, TRB5, TRB6, TRB7, TRB8, TRB9	60KKKK-1	40 CFR Part 60, Subpart KKKK	Fuel Quality = Fuel is demonstrated not to exceed emission standard by representative fuel sampling data.
GRPTRB1-18	STATIONARY TURBINES	TRB1, TRB10, TRB11, TRB12, TRB13, TRB14, TRB15, TRB16, TRB17, TRB18, TRB2, TRB3, TRB4, TRB5, TRB6, TRB7, TRB8, TRB9	60KKKK-2	40 CFR Part 60, Subpart KKKK	Fuel Quality = Fuel is demonstrated not to exceed emission standard by characteristics in purchase contract or tariff sheet.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPTRB1-18	STATIONARY TURBINES	TRB1, TRB10, TRB11, TRB12, TRB13, TRB14, TRB15, TRB16, TRB17, TRB18, TRB2, TRB3, TRB4, TRB5, TRB6, TRB7, TRB8, TRB9	63YYYY-1	40 CFR Part 63, Subpart YYYY	No changing attributes.
GRPWTDRFLR	FLARES	WTDYFLR1, WTDYFLR2	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
IFRTK1	STORAGE TANKS/VESSELS	N/A	60Kb-1	40 CFR Part 60, Subpart Kb	No changing attributes.
IFRTK1	STORAGE TANKS/VESSELS	N/A	63EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
MRNFLR	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
SCAVLD	LOADING/UNLOADING OPERATIONS	N/A	R5212-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TRKLOAD	LOADING/UNLOADING OPERATIONS	N/A	R5212-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TRKLOAD	LOADING/UNLOADING OPERATIONS	N/A	63EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
WWTK1	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
WWTK1	STORAGE TANKS/VESSELS	N/A	60Kb-1	40 CFR Part 60, Subpart Kb	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)
GEN11	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
GEN11	EU	60IIII-1	NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 56 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2014 model year and later must comply with a NO _x emission limit of 0.40 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN11	EU	60IIII-1	Nonmethane Hydrocarbons	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 56 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2014 model year and later must comply with an NMHC emission limit of 0.19 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
GEN11	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a PM emission limit of 0.02 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN11	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

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)
GEN12	EU	60III-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
GEN12	EU	60III-1	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW but less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later must comply with an NMHC+NO _x emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN12	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2013 model year and later must comply with a PM emission limit of 0.03 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN12	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

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)
GEN5	EU	60III-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN5	EU	60IIII-1	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN5	EU	60III-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
GEN5	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN6	EU	60III-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
GEN6	EU	60III-1	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW but less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later must comply with an NMHC+NO _x emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN6	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2013 model year and later must comply with a PM emission limit of 0.03 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN6	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

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)
GEN7	EU	60III-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN7	EU	60III-1	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN7	EU	60III-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN7	EU	60III-1	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN7	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

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)
GEN8	EU	60III-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 37 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
GEN8	EU	60III-1	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW but less than 37 KW and a displacement of less than 10 liters per cylinder and is a 2013 model year and later must comply with an NMHC+NO _x emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN8	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2013 model year and later must comply with a PM emission limit of 0.03 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN8	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

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)
GEN9	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
GEN9	EU	60IIII-1	NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 56 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2014 model year and later must comply with a NO _x emission limit of 0.40 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN9	EU	60IIII-1	Nonmethane Hydrocarbons	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 56 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2014 model year and later must comply with an NMHC emission limit of 0.19 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
GEN9	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.101 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2014 model year and later must comply with a PM emission limit of 0.02g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN9	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
GRPAGRU	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in § 115.121(c)(1)(B) and (C) less than 30,000 ppmv is exempt from § 115.121(c)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFWPUMP	EU	60III-2	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFWPUMP	EU	60III-2	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFWPUMP	EU	60III-2	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFWPUMP	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

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)
GRPGEN1-4	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPGEN1-4	EU	60IIII-1	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPGEN1-4	EU	60III-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPGEN1-4	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPHPFUEL	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRPLPFUEL	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
GRPTRB1-18	EP	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six-minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTRB1-18	EU	60KKKK-1	NO _x	40 CFR Part 60, Subpart KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4333(a)	New turbine firing natural gas with a heat input at peak load greater than 50 MMBtu/h and less than or equal to 850 MMBtu/h must meet the nitrogen oxides emission standard of 25 ppm at 15 percent O ₂ .	§ 60.4340(a) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(4) § 60.4400(b)(6)	None	§ 60.4375(b)
GRPTRB1-18	EU	60KKKK-1	SO ₂	40 CFR Part 60, Subpart KKKK	§ 60.4330(a)(2) § 60.4333(a)	You must not burn in the subject stationary combustion turbine any fuel which contains total potential sulfur emissions in excess of 26 ng SO ₂ /J (0.060 lb SO ₂ /MMBtu) heat input. If your turbine simultaneously fires multiple fuels, each fuel must meet this requirement.	§ 60.4365 § 60.4365(b) § 60.4415(a) § 60.4415(a)(1) § 60.4415(a)(1)(ii)	§ 60.4365(b)	None
GRPTRB1-18	EU	60KKKK-2	NO _x	40 CFR Part 60, Subpart KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4333(a)	New turbine firing natural gas with a heat input at peak load greater than 50 MMBtu/h and less than or equal to 850 MMBtu/h must meet the nitrogen oxides emission standard of 25 ppm at 15 percent O ₂ .	§ 60.4340(a) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(4) § 60.4400(b)(6)	None	§ 60.4375(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)
GRPTRB1-18	EU	60KKKK-2	SO ₂	40 CFR Part 60, Subpart KKKK	§ 60.4330(a)(2) § 60.4333(a)	You must not burn in the subject stationary combustion turbine any fuel which contains total potential sulfur emissions in excess of 26 ng SO ₂ /J (0.060 lb SO ₂ /MMBtu) heat input. If your turbine simultaneously fires multiple fuels, each fuel must meet this requirement.	§ 60.4365 § 60.4365(a) § 60.4415(a) § 60.4415(a)(1) § 60.4415(a)(1)(ii)	§ 60.4365(a)	None
GRPTRB1-18	EU	63YYYY-1	Formaldehyde	40 CFR Part 63, Subpart YYYY	§ 63.6100-Table 1.1 § 63.6100 § 63.6100-Table 2.2 § 63.6105(a) § 63.6105(c) § 63.6120(e) § 63.6130(a) § 63.6130(a)-Table 4 § 63.6140(a) § 63.6165	For each new or reconstructed stationary combustion turbine described in §63.6100, which is a lean premix gas-fired stationary combustion turbine as defined in this subpart, must limit the concentration of formaldehyde to 91 ppbvd or less at 15 % O ₂ .	§ 63.6110(a) § 63.6115 § 63.6120(a) § 63.6120(a)-Table 3.a § 63.6120(a)-Table 3.b § 63.6120(a)-Table 3.c § 63.6120(a)-Table 3.d § 63.6120(b) § 63.6120(c) § 63.6120(d) § 63.6120(e) § 63.6125(b) § 63.6125(e) § 63.6135(a) § 63.6140(a)-Table 5.1 § 63.6140(a)-Table 5.2 § 63.6145(e) § 63.6145(f)	§ 63.6125(e) § 63.6135(b) § 63.6155(a) § 63.6155(a)(1) § 63.6155(a)(2) § 63.6155(a)(5) § 63.6155(a)(6) [G]§ 63.6155(a)(7) § 63.6155(c) § 63.6155(d) § 63.6160(a) § 63.6160(b) § 63.6160(c)	§ 63.6120(e) [G]§ 63.6120(g) § 63.6130(b) § 63.6140(b) § 63.6145(a) § 63.6145(b) § 63.6145(c) § 63.6145(e) § 63.6145(f) § 63.6150(a) § 63.6150(a)(1) § 63.6150(a)(2) § 63.6150(a)(3) [G]§ 63.6150(a)(5) § 63.6150(a)-Table 6.1 § 63.6150(a)-Table 6.3.1 § 63.6150(a)-Table 6.3.2 § 63.6150(a)-Table 6.3.3 [G]§ 63.6150(b) [G]§ 63.6150(d) [G]§ 63.6150(f) § 63.6150(g) [G]§ 63.6150(h) [G]§ 63.6150(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)
GRPWTDRFLR	EU	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
IFRTK1	EU	60Kb-1	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(A) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii)	Storage vessels specified in §60.112b(a) and equipped with a fixed roof in combination with an internal floating roof shall meet the specifications listed in §60.112b(a)(1)(i)-(ix).	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b § 60.115b(a)(2) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3)
IFRTK1	EU	63EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2396(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE

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)
MRNFLR	EU	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
SCAVLD	EU	R5212-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
TRKLOAD	EU	R5212-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(4) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Crude oil, condensate, and liquefied petroleum gas. All loading and unloading of crude oil, condensate, and liquefied petroleum gas is exempt from division, except for the specified requirements.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(ii) § 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)
TRKLOAD	EU	63EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
WWTK1	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
WWTK1	EU	60Kb-1	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 60.115b

Additional Monitoring Requirements

Periodic Monitoring Summary	49
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Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTRB1-18	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually or at any time an alternate fuel is used	
Averaging Period: N/A	
<p>Deviation Limit: It is a deviation if alternate fuel is fired, either alone or in combination with the specified gas, for a period > or = 24 consecutive hours or conduct an observation of the vent for each such period to determine if visible emissions are observed.</p> <p>Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, for a period greater than or equal to 24 consecutive hours it shall be considered and reported as a deviation or the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are observed. Any time an alternate fuel is fired for a period of greater than 7 consecutive days then visible emissions observations will be conducted no less than once per week. Documentation of all observations shall be maintained. If visible emissions are present during the firing of an alternate fuel, the permit holder shall either list this occurrence as a deviation or the permit holder may determine the opacity consistent with Test Method 9. Any opacity readings that are above the opacity limit from the underlying applicable requirement shall be reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: WWTk1	
Control Device ID No.: CCAN	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: VOC concentration shall not exceed 100 ppm.	
<p>Periodic Monitoring Text: Measure and record the VOC concentration using a portable analyzer to monitor VOC concentration at the outlet of the first, second, etc., canister but before the inlet to the second, third, etc., or final polishing canister of the carbon adsorption system, as appropriate. The monitoring device shall meet the requirements of part 60, appendix A, method 21, sections 2, 3, 4.1, 4.2, and 4.4. However, the words "leak definition" in method 21 shall be the outlet concentration. The probe inlet of the monitoring device shall be placed at approximately the center of the carbon adsorber outlet vent. The probe shall be held there for at least 5 minutes during which flow into the carbon adsorber is expected to occur. The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures. If the maximum reading after the outlet of the first, second, third, etc., canister (but not the final canister in the series), is above the maximum limit, that canister shall be replaced and the event recorded before the next VOC reading is taken. If the canister is not replaced and the event not recorded, it shall be considered and reported as a deviation. If the VOC concentration from the final canister is above the maximum limit it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: WWTk1	
Control Device ID No.: CCAN	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: VOC concentration shall not exceed 100 ppm.	
<p>Periodic Monitoring Text: Measure and record the VOC concentration using a portable analyzer to monitor VOC concentration at the outlet of the first, second, etc., canister but before the inlet to the second, third, etc., or final polishing canister of the carbon adsorption system, as appropriate. The monitoring device shall meet the requirements of part 60, appendix A, method 21, sections 2, 3, 4.1, 4.2, and 4.4. However, the words "leak definition" in method 21 shall be the outlet concentration. The probe inlet of the monitoring device shall be placed at approximately the center of the carbon adsorber outlet vent. The probe shall be held there for at least 5 minutes during which flow into the carbon adsorber is expected to occur. The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures. If the maximum reading after the outlet of the first, second, third, etc., canister (but not the final canister in the series), is above the maximum limit, that canister shall be replaced and the event recorded before the next VOC reading is taken. If the canister is not replaced and the event not recorded, it shall be considered and reported as a deviation. If the VOC concentration from the final canister is above the maximum limit it shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: WWTk1	
Control Device ID No.: CCAN	Control Device Type: Carbon Adsorption System (Non-Regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if there are detectable emissions of 500 ppm or greater above background and/or VOC concentrations are not measured and recorded.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: WWTk1	
Control Device ID No.: CCAN	Control Device Type: Carbon adsorption system (non-regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: N/A	
Deviation Limit: It shall be considered a deviation if defects in the closed vent system are detected or if the components are not inspected.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

Permit Shield

Permit Shield 55

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
AMNTK1	N/A	30 TAC Chapter 115, Storage of VOCs	VOC stored has a true vapor pressure less than 1.5 psia.
AMNTK1	N/A	40 CFR Part 60, Subpart Kb	Tank has a capacity between 75 cubic meters and 151 cubic meters and is storing a liquid with a maximum true vapor pressure less than 15.0 kPa.
CONSTCOL	N/A	40 CFR Part 60, Subpart NNN	The column does not produce any of the chemicals listed in §60.667 as a product, co-product, by-product, or intermediate.
DSLTK5	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is less than 1,000 gallons.
DSLTK5	N/A	40 CFR Part 60, Subpart Kb	Capacity is less than 75 cubic meters.
DSLTK6	N/A	30 TAC Chapter 115, Storage of VOCs	Tank capacity is less than 1,000 gallons.
DSLTK6	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters.
DSLTK7	N/A	30 TAC Chapter 115, Storage of VOCs	VOC stored has a true vapor pressure less than 1.5 psia.
DSLTK7	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters.
FUG	N/A	40 CFR Part 60, Subpart KKK	The facility is not an onshore natural gas processing plant.
FUG	N/A	40 CFR Part 63, Subpart EEEE	The fugitive components in organic liquid service are not subject to 40 CFR Part 63, Subpart EEEE as there are no storage tanks or transfer racks at the site that meet the applicability for control in Table 2 or 2b as stated in 40 CFR §63.2346(c).
GRPDSL GAS	DSLTK1, DSLTK2, DSLTK3, DSLTK4, FWPTK1, FWPTK2, GDFTK1, GDFTK2	30 TAC Chapter 115, Storage of VOCs	Tank capacity is less than 1,000 gallons.

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRPDSLGLAS	DSLTK1, DSLTK2, DSLTK3, DSLTK4, FWPTK1, FWPTK2, GDFTK1, GDFTK2	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters.
GRPWTDRFLR	WTDYFLR1, WTDYFLR2	40 CFR Part 60, Subpart A	The flare is not used to comply with applicable subparts of Parts 60 or 61.
GRPWTDRFLR	WTDYFLR1, WTDYFLR2	40 CFR Part 63, Subpart A	The flare is not used to comply with applicable subparts of Part 63.
IFRTK1	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel stores crude oil or condensate and has a nominal capacity less than 420,000 gallons.
LNGLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	The loading and unloading facility is a marine terminal in a covered attainment area.
LNGLOAD	N/A	40 CFR Part 63, Subpart Y	The material that is loaded contains organic HAPs as impurities only.
MRNFLR	N/A	40 CFR Part 60, Subpart A	The flare is not used to comply with applicable subparts of Parts 60 or 61.
MRNFLR	N/A	40 CFR Part 63, Subpart A	The flare is not used to comply with applicable subparts of Part 63.
TK1902	N/A	30 TAC Chapter 115, Storage of VOCs	VOC stored has a true vapor pressure less than 1.5 psia.
TK1902	N/A	40 CFR Part 60, Subpart Kb	Tank has a capacity between 75 cubic meters and 151 cubic meters and is storing a liquid with a maximum true vapor pressure less than 15.0 kPa.
WWTK1	N/A	40 CFR Part 63, Subpart EEEE	Contents of tank do not meet definition of organic liquid (HAP wt%<5).

New Source Review Authorization References

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New Source Review Authorization References by Emission Unit	59

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.

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: GHGPSDTX123M1	Issuance Date: 03/18/2025
PSD Permit No.: PSDTX1306M1	Issuance Date: 03/18/2025
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.: 105710	Issuance Date: 03/18/2025
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.355	Version No./Date: 11/01/2001
Number: 106.359	Version No./Date: 09/10/2013
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001

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**
AGRU1	ACID GAS RECOVERY UNIT VENT 1	105710, GHGPSDTX123M1, PSDTX1306M1
AGRU2	ACID GAS RECOVERY UNIT VENT 2	105710, GHGPSDTX123M1, PSDTX1306M1
AGRU3	ACID GAS RECOVERY UNIT VENT 3	105710, GHGPSDTX123M1, PSDTX1306M1
AMNTK1	AMINE STORAGE TANK	105710, PSDTX1306M1
CONSTCOL	CONDENSATE STABILIZATION COLUMN	105710, PSDTX1306M1
DSLTK1	DIESEL TANK 1	105710, PSDTX1306M1
DSLTK2	DIESEL TANK 2	105710, PSDTX1306M1
DSLTK3	DIESEL TANK 3	105710, PSDTX1306M1
DSLTK4	DIESEL TANK 4	105710, PSDTX1306M1
DSLTK5	EMERGENCY GENERATOR ENGINE NO. 5 DIESEL TANK	106.478/09/04/2000
DSLTK6	DIESEL TANK 6	106.472/09/04/2000
DSLTK7	DIESEL TANK 7	106.472/09/04/2000
DSLTK8	DIESEL FUEL TANK	106.472/09/04/2000
FUG	FUGITIVES	105710, GHGPSDTX123M1, PSDTX1306M1, 106.261/11/01/2003 [167968], 106.262/11/01/2003 [167968]
FWPTK1	DIESEL TANK	105710, PSDTX1306M1
FWPTK2	DIESEL TANK	105710, PSDTX1306M1
FWPUMP1	DIESEL FIREWATER PUMP 1	105710, GHGPSDTX123M1, PSDTX1306M1
FWPUMP2	DIESEL FIREWATER PUMP 2	105710, GHGPSDTX123M1, PSDTX1306M1
GDFTK1	DIESEL TANK	105710, PSDTX1306M1

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**
GDFTK2	GASOLINE TANK	105710, PSDTX1306M1
GDFTK3	GASOLINE TANK	106.473/09/04/2000
GEN1	STANDBY GENERATOR 1	105710, GHGPSDTX123M1, PSDTX1306M1
GEN11	TRAILER FACILITY GENERATOR 3	106.512/06/13/2001
GEN12	DIESEL GENERATOR (LAQUINTA RD CHECKPOINT)	106.512/06/13/2001
GEN2	STANDBY GENERATOR 2	105710, GHGPSDTX123M1, PSDTX1306M1
GEN3	STANDBY GENERATOR 3	105710, GHGPSDTX123M1, PSDTX1306M1
GEN4	STANDBY GENERATOR 4	105710, GHGPSDTX123M1, PSDTX1306M1
GEN5	EMERGENCY GENERATOR ENGINE NO. 5	106.511/09/04/2000
GEN6	DIESEL GENERATOR 6	106.512/06/13/2001
GEN7	DIESEL GENERATOR 7 (SECURITY BUILD)	106.511/09/04/2000
GEN8	TRAILER FACILITY GENERATOR 1	106.512/06/13/2001
GEN9	TRAILER FACILITY GENERATOR 2	106.512/06/13/2001
HPFUEL1	HP FUEL GAS VENT-TRAIN 1	105710, GHGPSDTX123M1, PSDTX1306M1
HPFUEL2	HP FUEL GAS VENT-TRAIN 2	105710, GHGPSDTX123M1, PSDTX1306M1
HPFUEL3	HP FUEL GAS VENT-TRAIN 3	105710, GHGPSDTX123M1, PSDTX1306M1
IFRTK1	CONDENSATE TANK	105710, PSDTX1306M1
LNGLOAD	LNG LOADING	105710, PSDTX1306M1
LPFUEL1	LP FUEL GAS VENT-TRAIN 1	105710, GHGPSDTX123M1, PSDTX1306M1
LPFUEL2	LP FUEL GAS VENT-TRAIN 2	105710, GHGPSDTX123M1, PSDTX1306M1
LPFUEL3	LP FUEL GAS VENT-TRAIN 3	105710, GHGPSDTX123M1, PSDTX1306M1

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**
MRNFLR	MARINE FLARE	105710, GHGPSDTX123M1, PSDTX1306M1
SCAVLD	SPENT SCAVENGER LOADING	105710, GHGPSDTX123M1, PSDTX1306M1
TK1902	SPENT SCAVENGER TANK	105710, GHGPSDTX123M1, PSDTX1306M1
TRB1	TURBINE 1	105710, GHGPSDTX123M1, PSDTX1306M1
TRB10	TURBINE 10	105710, GHGPSDTX123M1, PSDTX1306M1
TRB11	TURBINE 11	105710, GHGPSDTX123M1, PSDTX1306M1
TRB12	TURBINE 12	105710, GHGPSDTX123M1, PSDTX1306M1
TRB13	TURBINE 13	105710, GHGPSDTX123M1, PSDTX1306M1
TRB14	TURBINE 14	105710, GHGPSDTX123M1, PSDTX1306M1
TRB15	TURBINE 15	105710, GHGPSDTX123M1, PSDTX1306M1
TRB16	TURBINE 16	105710, GHGPSDTX123M1, PSDTX1306M1
TRB17	TURBINE 17	105710, GHGPSDTX123M1, PSDTX1306M1
TRB18	TURBINE 18	105710, GHGPSDTX123M1, PSDTX1306M1
TRB2	TURBINE 2	105710, GHGPSDTX123M1, PSDTX1306M1
TRB3	TURBINE 3	105710, GHGPSDTX123M1, PSDTX1306M1
TRB4	TURBINE 4	105710, GHGPSDTX123M1, PSDTX1306M1
TRB5	TURBINE 5	105710, GHGPSDTX123M1, PSDTX1306M1
TRB6	TURBINE 6	105710, GHGPSDTX123M1, PSDTX1306M1
TRB7	TURBINE 7	105710, GHGPSDTX123M1, PSDTX1306M1
TRB8	TURBINE 8	105710, GHGPSDTX123M1, PSDTX1306M1
TRB9	TURBINE 9	105710, GHGPSDTX123M1, PSDTX1306M1

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**
TRKLOAD	TRUCK LOADING	105710, PSDTX1306M1
WTDYFLR1	WET/DRY GAS FLARE	105710, GHGPSDTX123M1, PSDTX1306M1
WTDYFLR2	WET/DRY GAS FLARE	105710, GHGPSDTX123M1, PSDTX1306M1
WWTK1	FIXED ROOF WASTEWATER TANK	105710, PSDTX1306M1

**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	64
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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

Appendix B

Major NSR Summary Table 66

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
TRB1	Propane Refrigeration Turbines Emission rates are per turbine	NO _x	39.60	See Annual CAP limits below.	2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, 7, 18, 20, 21, 24, 27, 28	2, 3, 20
TRB2		CO	24.10				
TRB7		VOC	0.90				
TRB8		SO ₂	0.44				
TRB13		H ₂ S	<0.01				
TRB14		PM	0.98				
		PM ₁₀	0.98				
		PM _{2.5}	0.98				
TRB3	Ethylene Refrigeration Turbines Emission rates are per turbine	NO _x	39.60		2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, 7, 18, 20, 21, 24, 27, 28	2, 3, 20
TRB4		CO	24.10				
TRB9		VOC	0.90				
TRB10		SO ₂	0.44				
TRB15		H ₂ S	<0.01				
TRB16		PM	0.98				

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	0.98		2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, 7, 18, 20, 21, 24, 27, 28	2, 3, 20
		PM _{2.5}	0.98				
TRB5	Methane Refrigeration Turbines	NO _x	39.60				
TRB6		CO	24.10				
TRB11	Emission rates are per turbine	VOC	0.90				
TRB12		SO ₂	0.44				
TRB17		H ₂ S	<0.01				
TRB18		PM	0.98				
		PM ₁₀	0.98				
		PM _{2.5}	0.98				
TRB1-TRB18	Annual CAP Six Propane, Six Ethylene, and Six Methane Refrigeration Turbines	NO _x	See hourly limits per turbine above.	3121.92	2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, 7, 18, 20, 21, 24, 27, 28	2, 3, 20
		CO		1900.26			
		VOC		71.28			
		SO ₂		34.74			
		H ₂ S		0.18			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM		77.58			
		PM ₁₀		77.58			
		PM _{2.5}		77.58			
TO-1	Thermal Oxidizer	NO _x	4.69	17.31	7, 13, 18, 20, 24	7, 13, 18, 20, 24, 27, 28	20
		CO	13.84	46.86			
		VOC	0.24	0.56			
		SO ₂	1.44	3.36			
		H ₂ S	<0.01	0.02			
		PM	0.58	2.15			
		PM ₁₀	0.58	2.15			
		PM _{2.5}	0.58	2.15			
TO-2	Thermal Oxidizer	NO _x	4.69	17.31	7, 13, 18, 20, 24	7, 13, 18, 20, 24, 27, 28	20
		CO	13.84	46.86			
		VOC	0.24	0.56			
		SO ₂	1.44	3.36			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		H ₂ S	<0.01	0.02			
		PM	0.58	2.15			
		PM ₁₀	0.58	2.15			
		PM _{2.5}	0.58	2.15			
TO-3	Thermal Oxidizer	NO _x	4.69	17.31	7, 13, 18, 20, 24	7, 13, 18, 20, 24, 27, 28	20
		CO	13.84	46.86			
		VOC	0.24	0.56			
		SO ₂	1.44	3.36			
		H ₂ S	<0.01	0.02			
		PM	0.58	2.15			
		PM ₁₀	0.58	2.15			
		PM _{2.5}	0.58	2.15			
WTDYFLR1	Wet/Dry Gas Flare 1 (Normal Operations)	NO _x	71.02	See Flare Cap limits below.	7, 13, 14, 24	7, 14, 24, 28	
		CO	282.86				
		VOC	61.25				

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
WTDYFLR2	Wet/Dry Gas Flare 2 (Normal Operations)	SO ₂	4.42		7, 13, 14, 24	7, 14, 24, 28	
		H ₂ S	0.05				
		NO _x	71.02				
		CO	282.86				
		VOC	61.25				
		SO ₂	4.42				
		H ₂ S	0.05				
WTDYFLR1 and WTDYFLR2	Flare Cap (Normal Operations)	NO _x	71.02	57.81	7, 13, 14, 24	7, 14, 24, 28	
		CO	282.86	339.19			
		VOC	61.25	75.38			
		SO ₂	4.42	3.48			
		H ₂ S	0.05	0.04			
WTDYFLR1	Wet/Dry Gas Flare 1 (MSS)	NO _x	816.68	See Annual Flare Cap (MSS) below.	7, 13, 14, 24	7, 14, 24, 25, 28	
		CO	3,252.52				
		VOC	2,895.54				

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
WTDYFLR2	Wet/Dry Gas Flare 2 (MSS)	SO ₂	2.20		7, 13, 14, 24	7, 14, 24, 25, 28	
		H ₂ S	0.02				
		NO _x	816.68				
		CO	3,252.52				
		VOC	2,895.54				
		SO ₂	2.20				
		H ₂ S	0.02				
WTDYFLR1 and WTDYFLR2	Annual Flare Cap (MSS)	NO _x	See hourly MSS limits per flare above.	228.09	7, 13, 14, 24	7, 14, 24, 25, 28	
		CO		908.39			
		VOC		116.62			
		SO ₂		1.02			
		H ₂ S		0.01			
MRNFLR	Marine Flare	NO _x	389.73	58.18	7, 13, 14, 17, 24	7, 14, 17, 24, 28	
		CO	1,552.05	414.77			
		VOC	394.37	14.59			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO ₂	<0.01	<0.01			
		H ₂ S	<0.01	<0.01			
GEN1	Standby Generator 1	NO _x	28.70	1.30	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01			
		PM	0.16	<0.01			
		PM ₁₀	0.16	<0.01			
		PM _{2.5}	0.16	<0.01			
GEN2	Standby Generator 2	NO _x	28.70	1.30	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01			
		PM	0.16	<0.01			
		PM ₁₀	0.16	<0.01			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	0.16	<0.01			
GEN3	Standby Generator 3	NO _x	28.70	1.30	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01			
		PM	0.16	<0.01			
		PM ₁₀	0.16	<0.01			
		PM _{2.5}	0.16	<0.01			
GEN4	Standby Generator 4	NO _x	28.70	1.30	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01			
		PM	0.16	<0.01			
		PM ₁₀	0.16	<0.01			
		PM _{2.5}	0.16	<0.01			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
FWPUMP1	Diesel Firewater Pump 1	NO _x	2.90	0.13	2, 3, 6, 7, 18, 24	2, 3, 6, 18, 24, 28	2
		CO	0.69	0.03			
		VOC	0.08	<0.01			
		SO ₂	<0.01	<0.01			
		PM	0.10	<0.01			
		PM ₁₀	0.10	<0.01			
		PM _{2.5}	0.10	<0.01			
FWPUMP2	Diesel Firewater Pump 2	NO _x	2.90	0.13	2, 3, 6, 7, 18, 24	2, 3, 6, 18, 24, 28	2
		CO	0.69	0.03			
		VOC	0.08	<0.01			
		SO ₂	<0.01	<0.01			
		PM	0.10	<0.01			
		PM ₁₀	0.10	<0.01			
		PM _{2.5}	0.10	<0.01			
IFRTK1	Condensate Tank	VOC	0.60	1.27	2, 3, 8, 24	2, 8, 24, 28	2, 3

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
TRKLD	Truck Loading	VOC	1.33	1.91	11, 24	24, 28	
TRKVCU	Condensate Truck Loading VCU	NO _x	5.11	22.40	11, 12, 24	12, 24, 28	
		CO	2.96	12.99			
		VOC	1.02	1.47			
		SO ₂	0.02	0.09			
		PM	0.28	1.21			
		PM ₁₀	0.28	1.21			
		PM _{2.5}	0.28	1.21			
WWLD	Wastewater Truck Loading	VOC	3.95	0.03	24	24, 28	
WWTK1	Wastewater Tank	VOC	0.18	<0.01	2, 24	2, 24, 28	2
TK1902	Spent Scavenger Tank	VOC	0.01	<0.01	2, 10, 24	2, 24, 28	2
SCAVLD	Spent Scavenger Loading	VOC	<0.01	<0.01	24	24, 28	
DSLTK1	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
DSLTK2	Diesel Tank	VOC	0.08	<0.01	24	24, 28	

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (5)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
DSLTK3	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
DSLTK4	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
FWPTK1	Diesel Tank	VOC	0.05	<0.01	24	24, 28	
FWPTK2	Diesel Tank	VOC	0.05	<0.01	24	24, 28	
GDFTK1	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
GDFTK2	Gasoline Tank	VOC	14.52	0.31	9, 24	24, 28	
AMNTK1	Amine Storage Tank	VOC	<0.01	<0.01	24	24, 28	
AMNSRG1	Amine Surge Tank - MSS	VOC	<0.01	<0.01	24	24, 28	
AMNSRG2	Amine Surge Tank - MSS	VOC	<0.01	<0.01	24	24, 28	
AMNSRG3	Amine Surge Tank - MSS	VOC	<0.01	<0.01	24	24, 28	
FUG	Fugitive Emissions (6)	VOC	18.12	79.40	23	23, 28	23
		H ₂ S	<0.01	<0.01			
TRKMSS	Truck Loading (MSS)	VOC	43.05	0.49	11, 24	24, 28	

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

- (3) VOC
 - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x
 - total oxides of nitrogen
- SO₂
 - sulfur dioxide
- PM
 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀
 - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5}
 - particulate matter equal to or less than 2.5 microns in diameter
- CO
 - carbon monoxide
- H₂S
 - hydrogen sulfide
- (4) Planned startup and shutdown (SS) lbs/hour emissions for all pollutants are authorized even if not specifically identified as SS.
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Major NSR Summary Table

Permit Number: GHGPSDTX123M1				Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
TRB1-TRB18	Annual cap Six Propane, Six Ethylene, and Six Methane Refrigeration Turbines	CO ₂ (5)	3,963,366	2, 5, 11, 16, 17, 18	2, 5, 11, 16, 18, 19, 20, 21	
		CH ₄ (5)	75			
		N ₂ O (5)	8			
		CO ₂ e	3,967,486			
TO-1	Thermal Oxidizer	CO ₂ (5)	360,494	5, 6, 10, 12, 13, 14, 16, 17, 18	5, 6, 10, 12, 13, 14, 16, 18, 19, 20, 21	10
		CH ₄ (5)	11			
		N ₂ O (5)	<1			
		CO ₂ e	360,789			
TO-2	Thermal Oxidizer	CO ₂ (5)	360,494	5, 6, 10, 12, 13, 14, 16, 17, 18	5, 6, 10, 12, 13, 14, 16, 18, 19, 20, 21	10
		CH ₄ (5)	11			
		N ₂ O (5)	<1			
		CO ₂ e	360,789			
TO-3	Thermal Oxidizer	CO ₂ (5)	360,494	5, 6, 10, 12, 13, 14, 16, 17, 18	5, 6, 10, 12, 13, 14, 16, 18, 19, 20, 21	10
		CH ₄ (5)	11			
		N ₂ O (5)	<1			

Major NSR Summary Table

Permit Number: GHGPSDTX123M1				Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO ₂ e	360,789			
WTDYFLR1, WTDYFLR2	Annual Flare Cap (Continuous and MSS)	CO ₂ (5)(6)	339,287	5, 6, 7, 16, 17	5, 7, 16, 20, 21	
		CH ₄ (5)(6)	1,682			
		N ₂ O (5)(6)	<1			
		CO ₂ e (6)	381,499			
MRNFLR	Marine Flare	CO ₂ (5)	87,889	5, 6, 7, 16, 17	5, 7, 16, 20, 21	
		CH ₄ (5)	672.6			
		N ₂ O (5)	<1			
		CO ₂ e	104,759			
GEN1	Standby Generator 1	CO ₂ (5)	129	5, 16, 17	3, 5, 16, 20, 21	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			
GEN2	Standby Generator 2	CO ₂ (5)	129	5, 16, 17	3, 5, 16, 20, 21	
		CH ₄ (5)	<1			

Major NSR Summary Table

Permit Number: GHGPSDTX123M1				Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		N ₂ O (5)	<1			
		CO ₂ e	129			
GEN3	Standby Generator 3	CO ₂ (5)	129	5, 16, 17	3, 5, 16, 20, 21	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			
GEN4	Standby Generator 4	CO ₂ (5)	129	5, 16, 17	3, 5, 16, 20, 21	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			
FWPUMP1	Diesel Firewater Pump 1	CO ₂ (5)	24	5, 16, 17	4, 5, 16, 20, 21	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	24			
FWPUMP2	Diesel Firewater Pump 2	CO ₂ (5)	24	5, 16, 17	4, 5, 16, 20, 21	

Major NSR Summary Table

Permit Number: GHGPSDTX123M1				Issuance Date: March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	24			
TRKVCU	Condensate Truck Loading VCU (6)	CO ₂ (5)	21,859	16, 17	16, 20, 21	
		CH ₄ (5)	1			
		N ₂ O (5)	<1			
		CO ₂ e	21,947			
FUG	Fugitive Emissions (5)(6)	CO ₂ (5)	12	15	15, 20, 21	15
		CH ₄ (5)	143			
		CO ₂ e	3590			
MSS-BOG	BOG Compressor MSS Venting	CH ₄ (5)	1	16	16, 20, 21	
		CO ₂ e	19			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
 (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
 (3) CO₂ - carbon dioxide
 N₂O - nitrous oxide
 CH₄ - methane
 HFCs - hydrofluorocarbons

PFCs - perfluorocarbons
SF₆ - sulfur hexafluoride
CO₂e - carbon dioxide equivalents based on the following Global Warming Potentials (1/2015):
CO₂ (1), N₂O (298), CH₄(25), SF₆ (22,800), HFC (various), PFC (various)

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
- (5) Emission rate is given for informational purposes only and does not constitute enforceable limit.
- (6) Emissions updated to be consistent with the records required by 30 TAC §116.164(b)

From: TVAPPS
Sent: Wednesday, April 23, 2025 3:10 PM
To: Miguel Gallegos
Cc: APIRT
Subject: FW: STEERS/TV 38064 / 3580 - STREAMLINE - CORPUS CHRISTI LIQUEFACTION

-----Original Message-----

From: steers@tceq.texas.gov <steers@tceq.texas.gov>
Sent: Wednesday, April 23, 2025 8:31 AM
To: RFCAIR14 <rfcair14@tceq.texas.gov>; TVAPPS <tvapps@tceq.texas.gov>
Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by Nishita Singh. The submittal was received at 04/23/2025 08:30 AM.

The Reference number for this submittal is 780327

The confirmation number for this submittal is 648317.

The Area ID for this submittal is 3580.

The Project ID for this submittal is 38064.

The hash code for this submittal is E32D8E0CB74B3B5E2AC763D7E00DC9A142CDB1382C94C22923ABD897C4D928F5.

You may access the original application submittal and the notice of final action documents from the COR Viewer which is available at <https://ida.tceq.texas.gov/steersstaff/index.cfm?fuseaction=openadmin.submitlog&newsearch=yes>.

If you have any questions, please contact the STEERS Help Line at 512-239-6925 or by e-mail at steers@tceq.texas.gov.



9737 Great Hills Trail, Suite 340, Austin, TX 78759 / P 713-955-1230 / F (713) 955-1201 / trinityconsultants.com

April 22, 2025

Texas Commission on Environmental Quality
Air Permits Initial Review Team (APIRT), MC 161
12100 Park 35 Circle
Building C, Third Floor
Austin, TX 78753

*RE: Application for Minor Revision
Title V Permit O3580
Corpus Christi Liquefaction LLC
CN604136374/RN104104716*

Dear APIRT:

On behalf of Corpus Christi Liquefaction, LLC, Trinity Consultants is hereby submitting this application for a minor revision of Site Operating Permit No. O3580 for the Corpus Christi Liquefaction in San Patricio County, TX.

If you have any questions or require additional information, please feel free to contact me at 512-639-4191 or Kelley.Oswalt@trinityconsultants.com.

Sincerely,

TRINITY CONSULTANTS

A handwritten signature in black ink that reads "Kelley Oswalt". The signature is written in a cursive, flowing style.

Kelley Oswalt
Senior Consultant

Attachments

cc: Mr. Craig Kondoff, Air Quality Manager, Cheniere, Houston, TX (email)
Mr. Guadalupe Lopez, Air Section Manager, TCEQ Region 14, Corpus Christi, TX
EPA, Region 6. (R6AirPermitsTX@epa.gov)

HEADQUARTERS

12700 Park Central Dr, Ste 2100, Dallas, TX 75251 / P 800.229.6655 / P 972.661.8100 / F 972.385.9203

MINOR REVISION APPLICATION

Site Operating Permit 03580

**Corpus Christi Liquefaction, LLC / Corpus Christi
Liquefaction
CN604136374
RN104104716**

Prepared By:

Kelley Oswalt – Senior Consultant
Heriberto Quintanilla, P.E. – Staff Consultant

TRINITY CONSULTANTS

9737 Great Hills Trail
Suite 340
Austin, TX 78759
512-693-4191

April 2025

Project 254404.0195



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2. ADMINISTRATIVE FORMS	2-1
3. APPLICABLE REQUIREMENTS SUMMARY FORMS	3-1
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1. PROJECT INFORMATION

Corpus Christi Liquefaction, LLC (CCL) owns and operates a liquefied natural gas terminal in San Patricio County, Texas. Facilities at the site are operated under Site Operating Permit (SOP) O3580. The purpose of this application is to revise the SOP.

As part of this minor revision application, the following revisions are being requested:

- ▶ Form OP-REQ1 has been updated to incorporate the latest issuance date of NSR 105710/GHGPSDTX123M1/PSDTX1306M1 on 03/18/2025. The Major NSR Summary Table will also be updated to include this issuance date and the changes made to the MAERT and Special Conditions.
- ▶ Remove unit STG1_2GF from the permit, the unit was never installed.

The Major NSR Summary Tables are being revised in this permit action. Electronic Major NSR Summary Table files using “tracked-changes” to identify the updates in the latest issuance of NSR Permit No. 105710/GHGPSDTX123M1/PSDTX1306M1 will be provided when requested by the permit reviewer. The latest updates from the NSR amendment project 327940, completed on 03/18/2025, will be incorporated in this minor revision. The other pending NSR projects are not to be incorporated at this time.

2. ADMINISTRATIVE FORMS

This section contains the following forms and information:

- ▶ OP-2 – Application for Permit Revision/Renewal
- ▶ OP-SUMR – Individual Unit Summary for Revisions

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality**

Date:	04/22/2025													
Permit No.:	O3580													
Regulated Entity No.:	RN104104716													
Company Name:	Corpus Christi Liquefaction, LLC													
For Submissions to EPA														
Has an electronic copy of this application been submitted (or is being submitted) to EPA?										X	YES		NO	
I. Application Type														
Indicate the type of application:														
	Renewal													
X	Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)													
	Significant Revision													
	Revision Requesting Prior Approval													
	Administrative Revision													
	Response to Reopening													
II. Qualification Statement														
For SOP Revisions Only										X	YES		NO	
For GOP Revisions Only											YES		NO	
III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)														
Indicate all pollutants for which the site is a major source based on the site's potential to emit:														
<i>(Check the appropriate box[es].)</i>														
X	VOC	X	NO _x		SO ₂	X	PM ₁₀	X	CO		Pb	X	HAPs	
Other:														
IV. Reference Only Requirements (For reference only)														
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?										X	YES		NO	N/A
V. Delinquent Fees and Penalties														
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.														

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 2
Texas Commission on Environmental Quality**

Date:	04/22/2025
Permit No.:	03580
Regulated Entity No.:	RN104104716
Company Name:	Corpus Christi Liquefaction, LLC

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	N/A	N/A	OP-REQ1	105710, GHGPSDTX123M1, PSDTX1306M1	Form OP-REQ1 has been updated to incorporate the latest issuance date of NSR 105710/GHGPSDTX123M1/PSDTX1306M1 on 03/18/2025. The Major NSR Summary Table will also be updated to include this issuance date and the changes made to the MAERT and Special Conditions.
2	MS-C	NO	STG1_2GF	OP-UA7	105710, GHGPSDTX123M1, PSDTX1306M1	Remove unit STG1_2GF from the permit, the unit was never installed.

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR

Table 1

Date	Permit No.	Regulated Entity No.
04/22/2025	03580	RN104104716

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I
D	2	STG1_2GF	OP-UA7	ENCLOSED GROUND FLARE		105710	GHGPSDTX123M1, PSDTX1306M1

3. APPLICABLE REQUIREMENTS SUMMARY FORMS

This section contains the following forms and information:

- ▶ Form OP-REQ1 – Application Area-Wide Applicability Determinations and General Information

Application Area-Wide Applicability Determinations and General Information**Form OP-REQ1 (Page 88)****Federal Operating Permit Program****Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
04/22/2025	O3580	RN104104716

For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)**E. PSD Permits and PSD Major Pollutants**

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
GHGPSDTX123 M1	03/18/2025	GHG			
PSDTX1306M1	03/18/2025	CO, NO _x , PM, VOC, SO ₂			

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 89)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
04/22/2025	O3580	RN104104716

For SOP applications, answer ALL questions unless otherwise directed.

- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

- ◆ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
105710	03/18/2025				

- ◆ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.261	11/01/2003	106.511	09/04/2000		
106.262	11/01/2003	106.512	06/13/2001		
106.263	11/01/2001				
106.355	11/01/2001				
106.359	09/10/2013				
106.472	09/04/2000				
106.473	09/04/2000				
106.478	09/04/2000				

- ◆ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

4. MAJOR NSR SUMMARY TABLES

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
TRB1	Propane Refrigeration Turbines Emission rates are per turbine	NOx	39.60	See Annual CAP limits below.	2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, <u>7</u> , 18, 20, 21, 24, 27, 28	2, 3, 20
TRB2		CO	24.10				
TRB7		VOC	0.90				
TRB8		SO ₂	0.44				
TRB13		H ₂ S	<0.01				
TRB14		PM	0.98				
		PM ₁₀	0.98				
		PM _{2.5}	0.98				
TRB3	Ethylene Refrigeration Turbines Emission rates are per turbine	NOx	39.60		2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, <u>7</u> , 18, 20, 21, 24, 27, 28	2, 3, 20
TRB4		CO	24.10				
TRB9		VOC	0.90				
TRB10		SO ₂	0.44				
TRB15		H ₂ S	<0.01				
TRB16		PM	0.98				
		PM ₁₀	0.98				
		PM _{2.5}	0.98				
TRB5	Methane Refrigeration Turbines	NOx	39.60		2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, <u>7</u> , 18, 20, 21, 24, 27, 28	2, 3, 20
TRB6		CO	24.10				
		VOC	0.90				

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
TRB11	Emission rates are per turbine	SO ₂	0.44				
TRB12		H ₂ S	<0.01				
TRB17		PM	0.98				
		PM ₁₀	0.98				
TRB18		PM _{2.5}	0.98				
TRB1-TRB18	Annual CAP Six Propane. Six Ethylene. and Six Methane Refrigeration Turbines	NO _x	See hourly limits per turbine above.	3121.92	2, 3, 4, 7, 18, 20, 21, 22, 24	2, 3, 4, 7 , 18, 20, 21, 24, 27, 28	2, 3, 20
		CO		1900.26			
		VOC		71.28			
		SO ₂		34.74			
		H ₂ S		0.18			
		PM		77.58			
		PM ₁₀		77.58			
		PM _{2.5}		77.58			
TO-1	Thermal Oxidizer	NO _x	4.69	17.31	7, 13, 18, 20, 24	7 , 13, 18, 20, 24, 27, 28	20
		CO	13.84	46.86			
		VOC	0.24	0.56			
		SO ₂	1.44	3.36			
		H ₂ S	<0.01	0.02			
		PM	0.58	2.15			
		PM ₁₀	0.58	2.15			

Major NSR Summary Table

		PM _{2.5}	0.58	2.15			
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Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
TO-2	Thermal Oxidizer	NOx	4.69	17.31	7, 13, 18, 20, 24	7, 13, 18, 20, 24, 27, 28	20
		CO	13.84	46.86			
		VOC	0.24	0.56			
		SO2	1.44	3.36			
		H2S	<0.01	0.02			
		PM	0.58	2.15			
		PM10	0.58	2.15			
		PM2.5	0.58	2.15			
TO-3	Thermal Oxidizer	NOx	4.69	17.31	7, 13, 18, 20, 24	7, 13, 18, 20, 24, 27, 28	20
		CO	13.84	46.86			
		VOC	0.24	0.56			
		SO2	1.44	3.36			
		H2S	<0.01	0.02			
		PM	0.58	2.15			
		PM10	0.58	2.15			
		PM2.5	0.58	2.15			
					7, 13, 14, 24	7, 14, 24, 28	
WTDYFLR1	Wet/Dry Gas Flare 1 (Normal operation)	NOx	71.29 71.02	See Flare Cap limits below.			
		CO	283.93 282.86				
		VOC	61.26 61.25				

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 <u>March 18, 2025</u>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		SO ₂	4.42				
		H ₂ S	0.05				
WTDYFLR2	Wet/Dry Gas Flare 2 (Normal operation)	NO _x	71.29 <u>71.02</u>		7, 13, 14, 24	<u>7</u> , 14, 24, <u>28</u>	
		CO	283.93 <u>282.86</u>				
		VOC	61.26 <u>61.25</u>				
		SO ₂	4.42				
		H ₂ S	0.05				
STG1_2GF	Ground Flare (Normal operation)	NO_x	71.29		7, 13, 16, 17, 24, 29	16, 17, 24	16
		CO	283.93				
		VOC	61.26				
		SO₂	4.42				
		H₂S	0.05				
WTDYFLR1_ and WTDYFLR2, and STG1_2GF	Flare Cap (Normal Operations)	NO _x	71.02	7, 13, 14, 16, 17, 24, 29	<u>7</u> , 14, 16, 17, 24, 28	16	
		CO	282.86				254.65 <u>339.19</u>
		VOC	61.25				74.87 <u>75.38</u>
		SO ₂	4.42				3.39 <u>3.48</u>
		H ₂ S	0.05				0.04
					7, 13, 14, 24	<u>7</u> , 14, 24, 25, 28	
WTDYFLR1	Wet/Dry Gas Flare 1	NO _x	816.68	See Annual Flare Cap			
		CO	3,252.52				

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
	(MSS)	VOC	2,895.54	(MSS) below.			
		SO ₂	2.20				
		H ₂ S	0.02				
WTDYFLR2	Wet/Dry Gas Flare 2 (MSS)	NO _x	816.68		7, 13, 14, 24	7 , 14, 24, 25, 28	
		CO	3,252.52				
		VOC	2,895.54				
		SO ₂	2.20				
		H ₂ S	0.02				
STG1_2GF	Ground Flare (MSS)	NO_x	816.68		7, 13, 16, 17, 24, 29	16, 17, 24, 25, 28	16
		CO	3,252.52				
		VOC	2,895.54				
		SO₂	2.20				
		H₂S	0.02				
WTDYFLR1 and - WTDYFLR2 - STG1_2GF	Annual Flare Cap (MSS)	NO _x	See hourly MSS limits per flare above.	228.09	7, 13, 14, 16, 17, 24, 29	7 , 14, 16, 17, 24, 25, 28	16
		CO		908.39			
		VOC		116.62			
		SO ₂		1.02			
		H ₂ S		0.01			
MRNFLR	Marine Flare	NO _x	106.23 389.73	47.66 58.18	7, 13, 14, 17 , 24	7 , 14, 17 , 24, 28	
		CO	909.72 1,552.05	403.88 414.77			
		VOC	7.85 394.37	3.60 14.59			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
GEN1	Standby Generator 1	SO ₂	<0.01	<0.01	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		H ₂ S	<0.01	<0.01			
		NO _x	28.70	1.30			
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01			
		PM	0.16	<0.01			
GEN2	Standby Generator 2	PM ₁₀	0.16	<0.01	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		PM _{2.5}	0.16	<0.01			
		NO _x	28.70	1.30			
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01			
		PM	0.16	<0.01			
GEN3	Standby Generator 3	PM ₁₀	0.16	<0.01	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		PM _{2.5}	0.16	<0.01			
		NO _x	28.70	1.30			
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		PM	0.16	<0.01			
		NO _x	28.70	1.30			
		CO	5.28	0.24			
		VOC	0.32	0.01			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
GEN4	Standby Generator 4	PM ₁₀	0.16	<0.01	2, 3, 5, 7, 18, 24	2, 3, 5, 18, 24, 28	2, 3
		PM _{2.5}	0.16	<0.01			
		NO _x	28.70	1.30			
		CO	5.28	0.24			
		VOC	0.32	0.01			
		SO ₂	0.03	<0.01			
		PM	0.16	<0.01			
FWPUMP1	Diesel Firewater Pump 1	PM ₁₀	0.16	<0.01	2, 3, 6, 7, 18, 24	2, 3, 6, 18, 24, 28	2
		PM _{2.5}	0.16	<0.01			
		NO _x	2.90	0.13			
		CO	0.69	0.03			
		VOC	0.08	<0.01			
		SO ₂	<0.01	<0.01			
		PM	0.10	<0.01			
FWPUMP2	Diesel Firewater Pump 2	PM ₁₀	0.10	<0.01	2, 3, 6, 7, 18, 24	2, 3, 6, 18, 24, 28	2
		PM _{2.5}	0.10	<0.01			
		NO _x	2.90	0.13			
		CO	0.69	0.03			
		VOC	0.08	<0.01			
		SO ₂	<0.01	<0.01	2, 3, 6, 7, 18, 24	2, 3, 6, 18, 24, 28	2
		PM	0.10	<0.01			

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM ₁₀	0.10	<0.01			
		PM _{2.5}	0.10	<0.01			
IFRTK1	Condensate Tank	VOC	0.60	1.27	2, 3, 8, 17 , 24	2, 8, 17 , 24, 28	2, 3
TRKLD	Truck Loading	VOC	1.33	1.91	11, 24	24, 28	
TRKVCU	Condensate Truck Loading VCU	NOx	5.11	22.40	11, 12, 24	12, 24, 28	
		CO	2.96	12.99			
		VOC	1.02	1.47			
		SO ₂	0.02	0.09			
		PM	0.28	1.21			
		PM ₁₀	0.28	1.21			
		PM _{2.5}	0.28	1.21			
WWLD	Wastewater Truck Loading	VOC	3.95	0.03	24	24, 28	
WWTK1	Wastewater Tank	VOC	0.18	<0.01	2, 24	2, 24, 28	2
TK1902	Spent Scavenger Tank	VOC	0.01	<0.01	2, 10, 24	2, 24, 28	2
SCAVLD	Spent Scavenger Loading	VOC	<0.01	<0.01	24	24, 28	
DSLTK1	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
DSLTK2	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
DSLTK3	Diesel Tank	VOC	0.08	<0.01	24	24, 28	

Major NSR Summary Table

Permit Numbers: 105710 and PSDTX1306M1					Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
DSLTK4	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
FWPTK1	Diesel Tank	VOC	0.05	<0.01	24	24, 28	
FWPTK2	Diesel Tank	VOC	0.05	<0.01	24	24, 28	
GDFTK1	Diesel Tank	VOC	0.08	<0.01	24	24, 28	
GDFTK2	Gasoline Tank	VOC	14.52	0.31	9, 24	24, 28	
AMNTK1	Amine Storage Tank	VOC	<0.01	<0.01	24	24, 28	
AMNSRG1	Amine Surge Tank -	VOC	<0.01	<0.01	24	24, 28	
AMNSRG2	Amine Surge Tank -	VOC	<0.01	<0.01	24	24, 28	
AMNSRG3	Amine Surge Tank -	VOC	<0.01	<0.01	24	24, 28	
FUG	Fugitive Emissions (6)	VOC	18.12	79.40	23	23, 28	23
		H ₂ S	<0.01	<0.01			
TRKMSS	Truck Loading (MSS)	VOC	43.05	0.49	11, 24	24, 28	

Footnotes:

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 CO - carbon monoxide
 H₂S - hydrogen sulfide
- (4) Planned startup and shutdown (SS) lbs/hour emissions for all pollutants are authorized even if not specifically identified as SS.
- (5) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations

Major NSR Summary Table

Permit Numbers: GHGPSDTX123M1				Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
TRB1-TRB18	Annual cap Six Propane, Six Ethylene, and Six Methane Refrigeration Turbines	CO ₂ (5)	3,963,366	2, 5, 4211, 4716, 4817, 4918	2, 5, 4211, 4716, 4918, 2019, 2420, 2221	
		CH ₄ (5)	75			
		N ₂ O (5)	8			
		CO ₂ e	3,967,486			
TO-1	Thermal Oxidizer	CO ₂ (5)	360,494	5, 6, 4410, 4312, 4413, 4514, 4716, 4817, 4918	5, 6, 4410, 4312, 4413, 4514, 4716, 4918, 2019, 2420, 2221	4410
		CH ₄ (5)	11			
		N ₂ O (5)	<1			
		CO ₂ e	360,789			
TO-2	Thermal Oxidizer	CO ₂ (5)	360,494	5, 6, 4410, 4312, 4413, 4514, 4716, 4817, 4918	5, 6, 4410, 4312, 4413, 4514, 4716, 4918, 2019, 2420, 2221	4410
		CH ₄ (5)	11			
		N ₂ O (5)	<1			
		CO ₂ e	360,789			
TO-3	Thermal Oxidizer	CO ₂ (5)	360,494	5, 6, 4410, 4312, 4413, 4514, 4716, 4817, 4918	5, 6, 4410, 4312, 4413, 4514, 4716, 4918, 2019, 2420, 2221	4410
		CH ₄ (5)	11			
		N ₂ O (5)	<1			
		CO ₂ e	360,789			
WTDYFLR1, WTDYFLR2, STG1-2GF	Annual Flare Cap (Continuous and MSS)	CO ₂ (5)(6)	321,707 339,287	5, 6, 7, 9, 4716, 4817	5, 7, 4716, 2420, 2221	
		CH ₄ (5)(6)	1,543 21,682			
		N ₂ O (5)(6)	<1			
		CO ₂ e (6)	360,439 381,499			

Major NSR Summary Table

Permit Numbers: GHGPSDTX123M1				Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
MRNFLR	Marine Flare	CO ₂ (5)	85,176 87,889	5, 6, 7, 4716, 4817	5, 7, 4716, 2420, 2221	
		CH ₄ (5)	6666 72.6			
		N ₂ O (5)	<1			
		CO ₂ e	401,844 104,759			
GEN1	Standby Generator 1	CO ₂ (5)	129	5, 4716, 4817	3, 5, 4716, 2420, 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			
GEN2	Standby Generator 2	CO ₂ (5)	129	5, 4716, 4817	3, 5, 4716, 2420, 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			
GEN3	Standby Generator 3	CO ₂ (5)	129	5, 4716, 4817	3, 5, 4716, 2420, 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			
GEN4	Standby Generator 4	CO ₂ (5)	129	5, 4716, 4817	3, 5, 4716, 2420, 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	129			

Major NSR Summary Table

Permit Numbers: GHGPSDTX123M1				Issuance Date: November 4, 2020 March 18, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
FWPUMP1	Diesel Firewater Pump 1	CO ₂ (5)	24	5, 4716 , 4817	4, 5, 4716 , 2420 , 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	24			
FWPUMP2	Diesel Firewater Pump 2	CO ₂ (5)	24	5, 4716 , 4817	4, 5, 4716 , 2420 , 2221	
		CH ₄ (5)	<1			
		N ₂ O (5)	<1			
		CO ₂ e	24			
TRKVCU	Condensate Truck Loading VCU (6)	CO ₂ (5)	21,859	4716 , 4817	4716 , 2420 , 2221	
		CH ₄ (5)	1			
		N ₂ O (5)	<1			
		CO ₂ e	21,947			
FUG	Fugitive Emissions (5)(6)	CO ₂ (5)	12	4615	4615 , 2420 , 2221	4615
		CH ₄ (5)	143			
		CO ₂ e	3,590			
MSS-BOG	BOG Compressor MSS Venting	CH ₄ (5)	1	4716	4716 , 2420 , 2221	
		CO ₂ e	19			

Footnotes:

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3)

CO ₂	-	carbon dioxide
N ₂ O	-	nitrous oxide
CH ₄	-	methane
HFCs	-	hydrofluorocarbons
PFCs	-	perfluorocarbons
SF ₆	-	sulfur hexafluoride
CO ₂ e	-	carbon dioxide equivalents based on the following Global Warming Potentials (1/2015):
		CO ₂ (1), N ₂ O (298), CH ₄ (25), SF ₆ (22,800), HFC (various), PFC (various)
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
- (5) Emission rate is given for informational purposes only and does not constitute enforceable limit.
- (6) Emissions updated to be consistent with the records required by 30 TAC § 116.164(b)

Texas Commission on Environmental Quality

Title V Existing

3580

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	CORPUS CHRISTI LIQUEFACTION
County	SAN PATRICIO
Latitude (N) (##.#####)	27.883055
Longitude (W) (-###.#####)	97.269166
Primary SIC Code	4925
Secondary SIC Code	
Primary NAICS Code	221210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN104104716
What is the name of the Regulated Entity (RE)?	CORPUS CHRISTI LIQUEFACTION
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	622 HWY 35
City	GREGORY
State	TX
ZIP	78359
County	SAN PATRICIO
Latitude (N) (##.#####)	27.883055
Longitude (W) (-###.#####)	-97.269166
Facility NAICS Code	
What is the primary business of this entity?	LIQUIFIED NATURAL GAS

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN604136374
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Corpus Christi Liquefaction, LLC
Texas SOS Filing Number	801612887
Federal Tax ID	
State Franchise Tax ID	32048261799
State Sales Tax ID	
Local Tax ID	
DUNS Number	79435874
Number of Employees	
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	CORPUS CHRISTI LIQUEFACTION LLC
Prefix	MS
First	Nishita
Middle	
Last	Singh
Suffix	
Credentials	
Title	Vice President and General Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 162
Routing (such as Mail Code, Dept., or Attn:)	
City	GREGORY
State	TX
ZIP	78359
Phone (###-###-####)	3619771212
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	nishita.singh@Cheniere.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.	JESSICA MUENNINK(CHENIERE ENERGY...)
Organization Name	CHENIERE ENERGY INC
Prefix	MRS
First	JESSICA
Middle	
Last	MUENNINK
Suffix	
Credentials	
Title	HEALTH SAFETY AND ENVIRONMENTAL MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 162
Routing (such as Mail Code, Dept., or Attn:)	
City	GREGORY
State	TX
Zip	78359
Phone (###-###-####)	3619771342
Extension	

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

jessica.muennink@cheniere.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

New Contact

Organization Name

Corpus Christi Liquefaction LLC

Prefix

MR

First

Craig

Middle

Last

Kondoff

Suffix

Credentials

Title

Manager, Air Quality

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

845 TEXAS ST STE 1250

Routing (such as Mail Code, Dept., or Attn:)

City

HOUSTON

State

TX

ZIP

77002

Phone (###-###-####)

7133756613

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

craig.kondoff@cheniere.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

27 Deg 52 Min 59 Sec

3) Permit Longitude Coordinate:

97 Deg 16 Min 9 Sec

4) Is this submittal a new application or an update to an existing application?

New Application

4.1. What type of permitting action are you applying for?

Streamlined Revision

4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?

No

4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

CCL SOP O3580 Minor Revision Application final.pdf

Hash

E062FEBDE24D9B634D04291235241B1C8B89C441CAC95C2DBFB6AAE3F1A81132

MIME-Type

application/pdf

An additional space to attach any other necessary information needed to complete the permit.

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

Certification

I certify that I am the Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Jessica R Muennink, the owner of the STEERS account ER021841.
2. I have the authority to sign this data on behalf of the applicant named above.

- 3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Title V Existing 3580.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Jessica R Muennink OWNER OPERATOR

Account Number:	ER021841
Signature IP Address:	8.29.109.51
Signature Date:	2025-04-23
Signature Hash:	C86C4EEF8777A6078DA4EE5C100F5D88B6EC6FFF3162C54BF4B6C2831EC02EE4
Form Hash Code at time of Signature:	E32D8E0CB74B3B5E2AC763D7E00DC9A142CDB1382C94C22923ABD897C4D928F5

Submission

Reference Number:	The application reference number is 780327
Submitted by:	The application was submitted by ER021841/Jessica R Muennink
Submitted Timestamp:	The application was submitted on 2025-04-23 at 08:30:34 CDT
Submitted From:	The application was submitted from IP address 8.29.109.51
Confirmation Number:	The confirmation number is 648317
Steers Version:	The STEERS version is 6.90
Permit Number:	The permit number is 3580

Additional Information

Application Creator: This account was created by Heriberto Quintanilla