

**From:** Melissa Ryan <mryan@trinityconsultants.com>  
**Sent:** Thursday, August 14, 2025 4:11 PM  
**To:** Alfredo Mendoza  
**Subject:** RE: Working Draft Permit - Sharka LLC, Sharka Data Center - permit O4262

Alfredo,

We do not have any questions or comments on the draft permit. This is ready to proceed to public comment.

Thanks!

**Melissa Ryan**  
P 713.552.1371 x208 M 713.594.4628

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**From:** Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>  
**Sent:** Thursday, July 31, 2025 4:45 PM  
**To:** Melissa Ryan <mryan@trinityconsultants.com>  
**Subject:** Working Draft Permit - Sharka LLC, Sharka Data Center - permit O4262

Melissa,

I have been assigned to review the Title V minor revision application submitted for the Sharka Data Center, permit O4262. The application has been assigned project number 38479. I have completed my technical review and I have attached a working draft permit for your review. Please submit any comments on the working draft permit by **August 14, 2025**.

Please let me know if you have any questions regarding the draft permit.

Thanks,

Alfredo Mendoza, P.E.  
Technical Specialist  
TCEQ Air Permits Division  
Operating Permits Section  
ph: (512) 239-1335  
[alfredo.mendoza@tceq.texas.gov](mailto: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:** Thursday, July 31, 2025 4:45 PM  
**To:** mryan@trinityconsultants.com  
**Subject:** Working Draft Permit - Sharka LLC, Sharka Data Center - permit O4262  
**Attachments:** Working Draft Permit O4262.docx

Melissa,

I have been assigned to review the Title V minor revision application submitted for the Sharka Data Center, permit O4262. The application has been assigned project number 38479. I have completed my technical review and I have attached a working draft permit for your review. Please submit any comments on the working draft permit by **August 14, 2025**.

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# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Sharka LLC

AUTHORIZING THE OPERATION OF  
Sharka Data Center  
Data Processing, Hosting, and Related Services

LOCATED AT  
Ellis County, Texas  
Latitude 32° 26' 35" Longitude 97° 3' 33"  
Regulated Entity Number: RN110495884

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: 04262 Issuance Date: July 21, 2021

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For the Commission

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## **General Terms and Conditions**

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

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

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

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

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

## **Special Terms and Conditions:**

### **Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
  - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
  - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
  - B. Title 30 TAC § 101.3 (relating to Circumvention)
  - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
  - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
  - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
  - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
  - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
  - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
  - I. Title 30 TAC § 101.222 (relating to Demonstrations)
  - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
    - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
    - (ii) Title 30 TAC § 111.111(a)(1)(E)
    - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
    - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

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

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

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- C. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
  - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
  - (ii) Sources with an effective stack height ( $h_e$ ) less than the standard effective stack height ( $H_e$ ), must reduce the allowable emission level by multiplying it by  $[h_e/H_e]^2$  as required in 30 TAC § 111.151(b)
  - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
  - (i) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
  - (ii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
  - (iii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
- 4. 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)
5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
  6. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

#### **New Source Review Authorization Requirements**

7. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated July 1, 2025 in the application for project 38479), 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
8. 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.
9. 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**

10. 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.
11. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
  - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
    - (i) For sources in the Dallas-Fort Worth Eight-Hour Nonattainment area, 30 TAC § 117.9030
  - B. The permit holder shall comply with the Initial Control Plan unit identification requirements in 30 TAC § 117.450(a) and (a)(1)-(7).
  - C. The permit holder shall comply with the requirements of 30 TAC § 117.454 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.456 for Revision of Final Control Plan.
  - D. The permit holder shall comply with the requirement in 30 TAC § 117.450(b) for identification of exempt units in the Initial Control Plan.
12. Use of Emission Credits to comply with applicable requirements:
  - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) Offsets for Title 30 TAC Chapter 116
  - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
    - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1

- (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

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**

**Permit Shield**

**New Source Review Authorization References**

**Applicable Requirements Summary**

**Unit Summary ..... 11**

**Applicable Requirements Summary ..... 13**

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

### Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type    | Group/Inclusive<br>Units | SOP Index No. | Regulation                          | Requirement Driver      |
|-------------------------------|--------------|--------------------------|---------------|-------------------------------------|-------------------------|
| ENG1-5                        | SRIC Engines | N/A                      | R7403-0001    | 30 TAC Chapter 117,<br>Subchapter B | No changing attributes. |
| ENG1-5                        | SRIC Engines | N/A                      | 60III-0005    | 40 CFR Part 60, Subpart III         | No changing attributes. |
| ENG1-5                        | SRIC Engines | N/A                      | 63ZZZZ-0002   | 40 CFR Part 63, Subpart<br>ZZZZ     | No changing attributes. |
| FWPUMP                        | SRIC Engines | N/A                      | R7403-0001    | 30 TAC Chapter 117,<br>Subchapter B | No changing attributes. |
| FWPUMP                        | SRIC Engines | N/A                      | 60III-0004    | 40 CFR Part 60, Subpart III         | No changing attributes. |
| FWPUMP                        | SRIC Engines | N/A                      | 63ZZZZ-0002   | 40 CFR Part 63, Subpart<br>ZZZZ     | No changing attributes. |
| GRP-1                         | SRIC Engines | N/A                      | R7403-0001    | 30 TAC Chapter 117,<br>Subchapter B | No changing attributes. |
| GRP-1                         | SRIC Engines | N/A                      | 60III-0001    | 40 CFR Part 60, Subpart III         | No changing attributes. |
| GRP-1                         | SRIC Engines | N/A                      | 63ZZZZ-0001   | 40 CFR Part 63, Subpart<br>ZZZZ     | No changing attributes. |
| GRP-2                         | SRIC Engines | N/A                      | R7403-0001    | 30 TAC Chapter 117,<br>Subchapter B | No changing attributes. |
| GRP-2                         | SRIC Engines | N/A                      | 60III-0002    | 40 CFR Part 60, Subpart III         | No changing attributes. |
| GRP-2                         | SRIC Engines | N/A                      | 63ZZZZ-0001   | 40 CFR Part 63, Subpart<br>ZZZZ     | No changing attributes. |
| GRP-3                         | SRIC Engines | N/A                      | R7403-0001    | 30 TAC Chapter 117,<br>Subchapter B | No changing attributes. |
| GRP-3                         | SRIC Engines | N/A                      | 60III-0001    | 40 CFR Part 60, Subpart III         | No changing attributes. |
| GRP-3                         | SRIC Engines | N/A                      | 63ZZZZ-0001   | 40 CFR Part 63, Subpart<br>ZZZZ     | No changing attributes. |
| GRP-4                         | SRIC Engines | N/A                      | R7403-0001    | 30 TAC Chapter 117,<br>Subchapter B | No changing attributes. |

### Unit Summary

| Unit/Group/<br>Process ID No. | Unit Type                       | Group/Inclusive<br>Units | SOP Index No. | Regulation                                             | Requirement Driver      |
|-------------------------------|---------------------------------|--------------------------|---------------|--------------------------------------------------------|-------------------------|
| GRP-4                         | SRIC Engines                    | N/A                      | 60III-0002    | 40 CFR Part 60, Subpart III                            | No changing attributes. |
| GRP-4                         | SRIC Engines                    | N/A                      | 63ZZZ-0001    | 40 CFR Part 63, Subpart<br>ZZZ                         | No changing attributes. |
| GRPCTTNK                      | Storage Tanks/Vessels           | N/A                      | R5112-001     | 30 TAC Chapter 115,<br>Storage of VOCs                 | No changing attributes. |
| GRPTANKS                      | Storage Tanks/Vessels           | N/A                      | R5112-0001    | 30 TAC Chapter 115,<br>Storage of VOCs                 | No changing attributes. |
| GRPWWTNK                      | Storage Tanks/Vessels           | N/A                      | R5112-001     | 30 TAC Chapter 115,<br>Storage of VOCs                 | No changing attributes. |
| HUB                           | SRIC Engines                    | N/A                      | R7403-0001    | 30 TAC Chapter 117,<br>Subchapter B                    | No changing attributes. |
| HUB                           | SRIC Engines                    | N/A                      | 60III-0003    | 40 CFR Part 60, Subpart III                            | No changing attributes. |
| HUB                           | SRIC Engines                    | N/A                      | 63ZZZ-0003    | 40 CFR Part 63, Subpart<br>ZZZ                         | No changing attributes. |
| UNLOAD                        | Loading/Unloading<br>Operations | N/A                      | R5212-0001    | 30 TAC Chapter 115,<br>Loading and Unloading of<br>VOC | 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<br>(30 TAC § 122.144)                      | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------|----------------------------------------------|
| ENG1-5                    | EU                      | R7403-0001    | Exempt    | 30 TAC Chapter 117, Subchapter B      | [G]§ 117.403(a)(9)<br>§ 117.403(a)<br>[G]§ 117.410(f)                                                                                                | Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B) | None                                | § 117.440(i)<br>§ 117.445(f)<br>§ 117.445(f)(4)<br>[G]§ 117.445(f)(9) | None                                         |
| ENG1-5                    | EU                      | 60IIII-0005   | CO        | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f)<br>§ 60.4218 | 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 1039-Appendix I.                                                                                                              | § 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) |
|---------------------------|-------------------------|---------------|--------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------|-------------------------------------------|
| ENG1-5                    | EU                      | 60IIII-0005   | NMHC and NO <sub>x</sub> | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f)<br>§ 60.4218 | 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 <sub>x</sub> emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | § 60.4209(a)                        | § 60.4214(b)                                  | [G]§ 60.4214(d)                           |
| ENG1-5                    | EU                      | 60IIII-0005   | PM                       | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f)<br>§ 60.4218 | 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 1039-Appendix I.                 | § 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<br>(30 TAC § 122.144)                      | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------|----------------------------------------------|
| ENG1-5                    | EU                      | 63ZZZZ-0002   | 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                                         |
| FWPUMP                    | EU                      | R7403-0001    | Exempt      | 30 TAC Chapter 117, Subchapter B      | [G]§ 117.403(a)(9)<br>§ 117.403(a)<br>[G]§ 117.410(f)             | Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B) | None                                | § 117.440(i)<br>§ 117.445(f)<br>§ 117.445(f)(4)<br>[G]§ 117.445(f)(9) | None                                         |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant                | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation                                                    | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                          | Monitoring And Testing Requirements | Recordkeeping Requirements<br>(30 TAC § 122.144) | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------|----------------------------------------------|
| FWPUMP                    | EU                      | 60IIII-0004   | NMHC and NO <sub>x</sub> | 40 CFR Part 60, Subpart IIII          | § 60.4205(c)-Table 4<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f)<br>§ 60.4218 | Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart. | None                                | None                                             | [G]§ 60.4214(d)                              |
| FWPUMP                    | EU                      | 60IIII-0004   | PM                       | 40 CFR Part 60, Subpart IIII          | § 60.4205(c)-Table 4<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f)<br>§ 60.4218 | Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.                   | 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<br>(30 TAC § 122.144)                      | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------|----------------------------------------------|
| FWPUMP                    | EU                      | 63ZZZZ-0002   | 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                                         |
| GRP-1                     | EU                      | R7403-0001    | Exempt      | 30 TAC Chapter 117, Subchapter B      | [G]§ 117.403(a)(9)<br>§ 117.403(a)<br>[G]§ 117.410(f)             | Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B) | None                                | § 117.440(i)<br>§ 117.445(f)<br>§ 117.445(f)(4)<br>[G]§ 117.445(f)(9) | None                                         |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant                | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation                                                                       | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                             | Monitoring And Testing Requirements | Recordkeeping Requirements<br>(30 TAC § 122.144) | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------|----------------------------------------------|
| GRP-1                     | EU                      | 60IIII-0001   | CO                       | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(b)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.                    | None                                | None                                             | [G]§ 60.4214(d)                              |
| GRP-1                     | EU                      | 60IIII-0001   | NMHC and NO <sub>x</sub> | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(b)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I. | 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<br>(30 TAC § 122.144) | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------|----------------------------------------------|
| GRP-1                     | EU                      | 60IIII-0001   | PM          | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(b)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 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 0.20 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.                                                                                            | None                                | None                                             | [G]§ 60.4214(d)                              |
| GRP-1                     | EU                      | 63ZZZZ-0001   | 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<br>(30 TAC § 122.144)                      | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------|----------------------------------------------|
| GRP-2                     | EU                      | R7403-0001    | Exempt    | 30 TAC Chapter 117, Subchapter B      | [G]§ 117.403(a)(9)<br>§ 117.403(a)<br>[G]§ 117.410(f)                                                                                   | Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B) | None                                | § 117.440(i)<br>§ 117.445(f)<br>§ 117.445(f)(4)<br>[G]§ 117.445(f)(9) | None                                         |
| GRP-2                     | EU                      | 60IIII-0002   | CO        | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | 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 1039-Appendix I.                                                                                                              | 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) |
|---------------------------|-------------------------|---------------|--------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------|-------------------------------------------|
| GRP-2                     | EU                      | 60IIII-0002   | NMHC and NO <sub>x</sub> | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | 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 <sub>x</sub> emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None                                | None                                          | [G]§ 60.4214(d)                           |
| GRP-2                     | EU                      | 60IIII-0002   | PM                       | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | 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 1039-Appendix I.       | 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<br>(30 TAC § 122.144)                      | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------|----------------------------------------------|
| GRP-2                     | EU                      | 63ZZZZ-0001   | 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                                         |
| GRP-3                     | EU                      | R7403-0001    | Exempt      | 30 TAC Chapter 117, Subchapter B      | [G]§ 117.403(a)(9)<br>§ 117.403(a)<br>[G]§ 117.410(f)             | Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B) | None                                | § 117.440(i)<br>§ 117.445(f)<br>§ 117.445(f)(4)<br>[G]§ 117.445(f)(9) | None                                         |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant                | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation                                                                       | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                             | Monitoring And Testing Requirements | Recordkeeping Requirements<br>(30 TAC § 122.144) | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|--------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------|----------------------------------------------|
| GRP-3                     | EU                      | 60IIII-0001   | CO                       | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(b)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.                    | None                                | None                                             | [G]§ 60.4214(d)                              |
| GRP-3                     | EU                      | 60IIII-0001   | NMHC and NO <sub>x</sub> | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(b)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I. | 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<br>(30 TAC § 122.144) | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------|----------------------------------------------|
| GRP-3                     | EU                      | 60IIII-0001   | PM          | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(b)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 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 0.20 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.                                                                                            | None                                | None                                             | [G]§ 60.4214(d)                              |
| GRP-3                     | EU                      | 63ZZZZ-0001   | 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) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------|-------------------------------------------|
| GRP-4                     | EU                      | R7403-0001    | Exempt    | 30 TAC Chapter 117, Subchapter B      | [G]§ 117.403(a)(9)<br>§ 117.403(a)<br>[G]§ 117.410(f)                                                                                   | Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B) | None                                | § 117.440(i)<br>§ 117.445(f)<br>§ 117.445(f)(4)<br>[G]§ 117.445(f)(9) | None                                      |
| GRP-4                     | EU                      | 60IIII-0002   | CO        | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | 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 1039-Appendix I.                                                                                                              | 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) |
|---------------------------|-------------------------|---------------|--------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------|-------------------------------------------|
| GRP-4                     | EU                      | 60IIII-0002   | NMHC and NO <sub>x</sub> | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | 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 <sub>x</sub> emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None                                | None                                          | [G]§ 60.4214(d)                           |
| GRP-4                     | EU                      | 60IIII-0002   | PM                       | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | 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 1039-Appendix I.       | 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) |
|---------------------------|-------------------------|---------------|-------------|---------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------|-------------------------------------------|
| GRP-4                     | EU                      | 63ZZZZ-0001   | 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                                      |
| GRPCTTNK                  | EU                      | R5112-001     | VOC         | 30 TAC Chapter 115, Storage of VOCs   | § 115.111(a)(1)                                                   | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.                                                                                                                                                                                                                                                                                    | [G]§ 115.117                        | § 115.118(a)(1)<br>§ 115.118(a)(5)<br>§ 115.118(a)(7) | None                                      |
| GRPTANKS                  | EU                      | R5112-0001    | VOC         | 30 TAC Chapter 115, Storage of VOCs   | § 115.111(a)(1)                                                   | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.                                                                                                                                                                                                                                                                                    | [G]§ 115.117                        | § 115.118(a)(1)<br>§ 115.118(a)(5)<br>§ 115.118(a)(7) | None                                      |
| GRPWWTNK                  | EU                      | R5112-001     | VOC         | 30 TAC Chapter 115, Storage of VOCs   | § 115.111(a)(1)                                                   | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.                                                                                                                                                                                                                                                                                    | [G]§ 115.117                        | § 115.118(a)(1)<br>§ 115.118(a)(5)<br>§ 115.118(a)(7) | None                                      |

### Applicable Requirements Summary

| Unit Group Process ID No. | Unit Group Process Type | SOP Index No. | Pollutant | State Rule or Federal Regulation Name | Emission Limitation, Standard or Equipment Specification Citation                                                                       | Textual Description (See Special Term and Condition 1.B.)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Monitoring And Testing Requirements | Recordkeeping Requirements<br>(30 TAC § 122.144)                      | Reporting Requirements<br>(30 TAC § 122.145) |
|---------------------------|-------------------------|---------------|-----------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------|----------------------------------------------|
| HUB                       | EU                      | R7403-0001    | Exempt    | 30 TAC Chapter 117, Subchapter B      | [G]§ 117.403(a)(9)<br>§ 117.403(a)<br>[G]§ 117.410(f)                                                                                   | Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B) | None                                | § 117.440(i)<br>§ 117.445(f)<br>§ 117.445(f)(4)<br>[G]§ 117.445(f)(9) | None                                         |
| HUB                       | EU                      | 60IIII-0003   | CO        | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | 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 1039-Appendix I.                                                                                                              | 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) |
|---------------------------|-------------------------|---------------|--------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------|-------------------------------------------|
| HUB                       | EU                      | 60IIII-0003   | NMHC and NO <sub>x</sub> | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | 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 <sub>x</sub> emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I. | None                                | None                                          | [G]§ 60.4214(d)                           |
| HUB                       | EU                      | 60IIII-0003   | PM                       | 40 CFR Part 60, Subpart IIII          | § 60.4205(b)<br>§ 1039-Appendix I<br>§ 60.4202(a)(2)<br>§ 60.4206<br>§ 60.4207(b)<br>[G]§ 60.4211(a)<br>§ 60.4211(c)<br>[G]§ 60.4211(f) | 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 1039-Appendix I.                 | 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) |
|---------------------------|-------------------------|---------------|-------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|
| HUB                       | EU                      | 63ZZZZ-0003   | 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                                      |
| UNLOAD                    | EU                      | R5212-0001    | VOC         | 30 TAC Chapter 115, Loading and Unloading of VOC | § 115.217(a)(1)<br>§ 115.212(a)(2)<br>§ 115.214(a)(1)(B)<br>§ 115.214(a)(1)(D)<br>§ 115.214(a)(1)(D)(i) | Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.                                                                                                                                                                                                                                    | § 115.214(a)(1)(A)<br>§ 115.214(a)(1)(A)(i)<br>§ 115.215<br>§ 115.215(4) | § 115.216<br>§ 115.216(2)<br>§ 115.216(3)(B)  | None                                      |

**Permit Shield**

**Permit Shield ..... 32**

### 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                                                                                                       |
|-------------------------------|-------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| GRPCLTWR                      | N/A                     | 30 TAC Chapter 115, HRVOC Cooling Towers | The cooling tower is not located in Houston/Galveston/Brazoria.                                                              |
| GRPCLTWR                      | N/A                     | 40 CFR Part 63, Subpart Q                | The cooling tower is not operated with chromium based water treatment chemicals.                                             |
| GRPHTRS                       | N/A                     | 30 TAC Chapter 112, Sulfur Compounds     | The unit is not a liquid fuel-fired heater.                                                                                  |
| GRPHTRS                       | N/A                     | 30 TAC Chapter 117, Subchapter B         | The heaters are natural gas-fired heaters used exclusively for providing comfort heat to areas designed for human occupancy. |
| GRPTANKS                      | N/A                     | 40 CFR Part 60, Subpart Kb               | All tanks have a capacity less than 75 cubic meters (19,800 gal).                                                            |

**New Source Review Authorization References**

|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| <b>New Source Review Authorization References .....</b>                  | <b>34</b> |
| <b>New Source Review Authorization References by Emission Unit .....</b> | <b>35</b> |

### **New Source Review Authorization References**

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

| <b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b> |                              |
|----------------------------------------------------------------------|------------------------------|
| Number: 106.183                                                      | Version No./Date: 09/04/2000 |
| Number: 106.265                                                      | Version No./Date: 09/04/2000 |
| Number: 106.371                                                      | Version No./Date: 09/04/2000 |
| Number: 106.373                                                      | Version No./Date: 09/04/2000 |
| Number: 106.472                                                      | Version No./Date: 09/04/2000 |
| Number: 106.511                                                      | Version No./Date: 09/04/2000 |
| Number: 106.532                                                      | Version No./Date: 09/04/2000 |

### New Source Review Authorization References by Emissions Unit

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

| Unit/Group/Process ID No. | Emission Unit Name/Description | New Source Review Authorization** |
|---------------------------|--------------------------------|-----------------------------------|
| ENG1-5                    | Engine 1 Group 5               | 106.511/09/04/2000 [153622]       |
| FWPUMP                    | Emergency Firewater Pump       | 106.511/09/04/2000 [153622]       |
| GRP-1                     | Group 1                        | 106.511/09/04/2000 [153622]       |
| GRP-2                     | Group 2                        | 106.511/09/04/2000 [153622]       |
| GRP-3                     | Group 3                        | 106.511/09/04/2000 [153622]       |
| GRP-4                     | Group 4                        | 106.511/09/04/2000 [153622]       |
| GRPCLTWR                  | Cooling Tower Group            | 106.371/09/04/2000 [153622]       |
| GRPCTTNK                  | Cooling Tower Treatment Tanks  | 106.532/09/04/2000                |
| GRPHTRS                   | Natural Gas Heater Group       | 106.183/09/04/2000 [153622]       |
| GRPTANKS                  | Diesel Storage Tank Group      | 106.472/09/04/2000 [153622]       |
| GRPWWTNK                  | Wastewater Tanks               | 106.472/09/04/2000                |
| HUB                       | Hub Engine                     | 106.511/09/04/2000 [153622]       |
| UNLOAD                    | Diesel Unloading               | 106.472/09/04/2000 [153622]       |

\*\*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 ..... 37**

## 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 <sub>2</sub> 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 <sub>x</sub> .....  | nitrogen oxides                                                           |
| NSPS .....             | New Source Performance Standard (40 CFR Part 60)                          |
| NSR .....              | New Source Review                                                         |
| ORIS .....             | Office of Regulatory Information Systems                                  |
| Pb .....               | lead                                                                      |
| PBR .....              | Permit By Rule                                                            |
| 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 <sub>2</sub> .....  | sulfur dioxide                                                            |
| TCEQ .....             | Texas Commission on Environmental Quality                                 |
| TSP .....              | total suspended particulate                                               |
| TVP .....              | true vapor pressure                                                       |
| U.S.C. ....            | United States Code                                                        |
| VOC .....              | volatile organic compound                                                 |

## Carolyn Thomas

---

**From:** TVAPPS  
**Sent:** Thursday, July 3, 2025 7:43 AM  
**To:** Carolyn Thomas  
**Cc:** APIRT  
**Subject:** FW: STEERS / TV 38479 / 4262 - Streamline - SHARKA LLC - 797525

**Categories:** Dont Forget There is a Deadline....., CAROLYN

Sean Wheeler  
Business Support Section Process Coordinator Air Permits Division | TCEQ  
512-239-2253 | Sean.Wheeler@tceq.texas.gov

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

From: steers@tceq.texas.gov <steers@tceq.texas.gov>  
Sent: Wednesday, July 2, 2025 1:13 PM  
To: RFCAIR4 <RFCAIR4@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 ZIA KHAN. The submittal was received at 07/02/2025 01:12 PM.

The Reference number for this submittal is 797525

The confirmation number for this submittal is 662374.

The Area ID for this submittal is 4262.

The Project ID for this submittal is 38479.

The hash code for this submittal is 29BD7E68DCB1BF4C0403CF65074558A5FBACB0A7BB33B0DC2F35A25057869232.

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](mailto:steers@tceq.texas.gov).

## **MINOR REVISION APPLICATION**

---

Sharka LLC (Sharka) owns and operates the Sharka Data Center in Midlothian, Ellis County, Texas. The facility is authorized under Title V Permit 4262. With this minor revision application, Sharka is requesting to add additional sources authorized via Permit by Rule. Forms OP-2, OP-SUMR, OP-UA3, OP-PBRSUP, OP-REQ1, and OP-REQ3 are attached.

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

|                                                                                                                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Date: 7/1/2025                                                                                                                                                                                   |  |
| Permit No.: 4262                                                                                                                                                                                 |  |
| Regulated Entity No.: 110495884                                                                                                                                                                  |  |
| Company Name: Sharka LLC                                                                                                                                                                         |  |
| For Submissions to EPA                                                                                                                                                                           |  |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span> |  |
| <b>I. Application Type</b>                                                                                                                                                                       |  |
| Indicate the type of application:                                                                                                                                                                |  |
| <input type="checkbox"/> Renewal                                                                                                                                                                 |  |
| <input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)                                                       |  |
| <input type="checkbox"/> Significant Revision                                                                                                                                                    |  |
| <input type="checkbox"/> Revision Requesting Prior Approval                                                                                                                                      |  |
| <input type="checkbox"/> Administrative Revision                                                                                                                                                 |  |
| <input type="checkbox"/> Response to Reopening                                                                                                                                                   |  |
| <b>II. Qualification Statement</b>                                                                                                                                                               |  |
| For SOP Revisions Only <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>                                                                    |  |
| For GOP Revisions Only <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>                                                                               |  |

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

|                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)</b>                                                                                                                                                                                                                                                    |
| Indicate all pollutants for which the site is a major source based on the site's potential to emit:<br>(Check the appropriate box[es].)                                                                                                                                                                                                                                                        |
| <div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> VOC</div><div><input checked="" type="checkbox"/> NO<sub>x</sub></div><div><input type="checkbox"/> SO<sub>2</sub></div><div><input type="checkbox"/> PM<sub>10</sub></div><div><input type="checkbox"/> CO</div><div><input type="checkbox"/> Pb</div><div><input type="checkbox"/> HAP</div></div> |
| Other:                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>IV. Reference Only Requirements (For reference only)</b>                                                                                                                                                                                                                                                                                                                                    |
| Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</span>                                                                                                                                                    |
| <b>V. Delinquent Fees and Penalties</b>                                                                                                                                                                                                                                                                                                                                                        |
| 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: 7/1/2025                  |
| Permit No.: 4262                |
| Regulated Entity No.: 110495884 |
| Company Name: Sharka LLC        |

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

|              |               |          | Unit/Group | Process         |                        |                                                               |
|--------------|---------------|----------|------------|-----------------|------------------------|---------------------------------------------------------------|
| Revision No. | Revision Code | New Unit | ID No.     | Applicable Form | NSR<br>Authorization   | Description of Change and Provisional<br>Terms and Conditions |
| 1            | MS-C          | Yes      | GRPCTTNK   | OP-UA3          | 106.532/09/04/20<br>00 | Adding cooling tower treatment chemical storage tanks.        |
| 2            | MS-C          | Yes      | GRPWWTNK   | OP-UA3          | 106.472/09/04/20<br>00 | Adding wastewater storage tanks.                              |
| 3            | MS-C          | Yes      | GRPHNDTL   | OP-PBR SUP      | 106.265/09/04/20<br>00 | Adding hand tools.                                            |
| 4            | MS-C          | Yes      | GRPCHILL   | OP-PBR SUP      | 106.373/09/04/20<br>00 | Adding refrigeration machines.                                |
|              |               |          |            |                 |                        |                                                               |
|              |               |          |            |                 |                        |                                                               |
|              |               |          |            |                 |                        |                                                               |
|              |               |          |            |                 |                        |                                                               |
|              |               |          |            |                 |                        |                                                               |

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

|                                                                                                                                                                                       |                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date: 7/1/2025                                                                                                                                                                        |                                                                                                                                                                                         |
| Permit No.: 4262                                                                                                                                                                      |                                                                                                                                                                                         |
| Regulated Entity No.: 110495884                                                                                                                                                       |                                                                                                                                                                                         |
| Company Name: Sharka LLC                                                                                                                                                              |                                                                                                                                                                                         |
| <b>I. Significant Revision</b> <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i> |                                                                                                                                                                                         |
| A.                                                                                                                                                                                    | Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>                 |
| B.                                                                                                                                                                                    | Indicate the alternate language(s) in which public notice is required:                                                                                                                  |
| C.                                                                                                                                                                                    | Will, there be a change in air pollutant emissions as a result of the significant revision? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span> |

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 3  
Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

| Pollutant | Description of the Change in Pollutant Emissions |
|-----------|--------------------------------------------------|
|           |                                                  |
|           |                                                  |
|           |                                                  |
|           |                                                  |
|           |                                                  |
|           |                                                  |
|           |                                                  |
|           |                                                  |
|           |                                                  |
|           |                                                  |
|           |                                                  |

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary  
Form OP-SUM**

**Table 1**

| Date     | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 7/1/2025 | 4262       | RN110495884          |

| Unit/Process ID No. | Applicable Form | Unit Name/Description         | CAM | Preconstruction Authorizations<br>30 TAC Chapter 116/30 TAC Chapter 106 | Preconstruction Authorizations Title I | Group ID No. |
|---------------------|-----------------|-------------------------------|-----|-------------------------------------------------------------------------|----------------------------------------|--------------|
| GRPCTTNK            | OP-UA3          | Cooling Tower Treatment Tanks |     | 106.532/09/04/2000                                                      |                                        |              |
| GRPWWTNK            | OP-UA3          | Wastewater Tanks              |     | 106.472/09/04/2000                                                      |                                        |              |
|                     |                 |                               |     |                                                                         |                                        |              |
|                     |                 |                               |     |                                                                         |                                        |              |
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|                     |                 |                               |     |                                                                         |                                        |              |

**Storage Tank/Vessel Attributes**  
**Form OP-UA3 (Page 4)**  
**Federal Operating Permit Program**  
**Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B, Division 1: Storage of Volatile Organic Compounds (VOCs)**  
**Texas Commission on Environmental Quality**

| Date     | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 7/1/2025 | 4262       | RN110495884          |

| Unit ID No. | SOP/GOP Index No. | Alternate Control Requirement | ACR ID No. | Product Stored | Storage Capacity | Throughput | Potential to Emit | Uncontrolled Emissions |
|-------------|-------------------|-------------------------------|------------|----------------|------------------|------------|-------------------|------------------------|
| GRPCTTNK    | R5112-001         | NO                            |            | VOC1           | A1K-25K          |            |                   |                        |
| GRPWWTNK    | R5112-001         | NO                            |            | VOC1           | A1K-25K          |            |                   |                        |
|             |                   |                               |            |                |                  |            |                   |                        |
|             |                   |                               |            |                |                  |            |                   |                        |
|             |                   |                               |            |                |                  |            |                   |                        |
|             |                   |                               |            |                |                  |            |                   |                        |
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|             |                   |                               |            |                |                  |            |                   |                        |
|             |                   |                               |            |                |                  |            |                   |                        |

**Storage Tank/Vessel Attributes**  
**Form OP-UA3 (Page 5)**  
**Federal Operating Permit Program**  
**Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B, Division 1: Storage of Volatile Organic Compounds (VOCs)**  
**Texas Commission on Environmental Quality**

| Date     | Permit No. | Regulated Entity No. |
|----------|------------|----------------------|
| 7/1/2025 | 4262       | RN110495884          |

| Unit ID No. | SOP/GOP Index No. | Construction Date | Tank Description | True Vapor Pressure | Primary Seal | Secondary Seal | Control Device Type | Control Device ID No. |
|-------------|-------------------|-------------------|------------------|---------------------|--------------|----------------|---------------------|-----------------------|
| GRPCTTNK    | R5112-001         |                   | NONE1            | 1-                  |              |                |                     |                       |
| GRPWWTNK    | R5112-001         |                   | NONE1            | 1-                  |              |                |                     |                       |
|             |                   |                   |                  |                     |              |                |                     |                       |
|             |                   |                   |                  |                     |              |                |                     |                       |
|             |                   |                   |                  |                     |              |                |                     |                       |
|             |                   |                   |                  |                     |              |                |                     |                       |
|             |                   |                   |                  |                     |              |                |                     |                       |
|             |                   |                   |                  |                     |              |                |                     |                       |
|             |                   |                   |                  |                     |              |                |                     |                       |
|             |                   |                   |                  |                     |              |                |                     |                       |

**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

| Date     | Permit Number | Regulated Entity Number |
|----------|---------------|-------------------------|
| 7/1/2025 | 4262          | RN110495884             |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|-------------|------------------|---------|-------------------|
| GRP-1       | 153622           | 106.511 | 12/20/2024        |
| GRP-2       | 153622           | 106.511 | 12/20/2024        |
| GRP-3       | 153622           | 106.511 | 12/20/2024        |
| GRP-4       | 153622           | 106.511 | 12/20/2024        |
| ENG1-5      | 153622           | 106.511 | 12/20/2024        |
| HUB         | 153622           | 106.511 | 12/20/2024        |
| FWPUMP      | 153622           | 106.511 | 12/20/2024        |
| GRPTANKS    | 153622           | 106.472 | 12/20/2024        |
| GRPCLTWR    | 153622           | 106.371 | 12/20/2024        |
| GRPHTRS     | 153622           | 106.183 | 12/20/2024        |
| UNLOAD      | 153622           | 106.472 | 12/20/2024        |

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

| Date     | Permit Number | Regulated Entity Number |
|----------|---------------|-------------------------|
| 7/1/2025 | 4262          | RN110495884             |

| Unit ID No. | PBR No. | Version No./Date |
|-------------|---------|------------------|
| GRPCTTNK    | 106.532 | 09/04/2000       |
| GRPWWTNK    | 106.472 | 09/04/2000       |
| GRPHNDTL    | 106.265 | 09/04/2000       |
| GRPCHILL    | 106.373 | 09/04/2000       |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |

**Permit By Rule Supplemental Table (Page 3)**  
**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**  
**Texas Commission on Environmental Quality**

| Date     | Permit Number | Regulated Entity Number |
|----------|---------------|-------------------------|
| 7/1/2025 | 4262          | RN110495884             |

| PBR No. | Version No./Date |
|---------|------------------|
| N/A     |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

| Date     | Permit Number | Regulated Entity Number |
|----------|---------------|-------------------------|
| 7/1/2025 | 4262          | RN110495884             |



| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                                                                                                                                                    |
|-------------|---------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GRP-1       | 106.511 | 153622                               | Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.                                                                        |
| GRP-2       | 106.511 | 153622                               | Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.                                                                        |
| GRP-3       | 106.511 | 153622                               | Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.                                                                        |
| GRP-4       | 106.511 | 153622                               | Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.                                                                        |
| ENG1-5      | 106.511 | 153622                               | Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.                                                                        |
| HUB         | 106.511 | 153622                               | Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.                                                                        |
| FWPUMP      | 106.511 | 153622                               | Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.                                                                        |
| GRPTANKS    | 106.472 | 153622                               | 1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in 106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR 106.4 emission limits. |
| GRPCLTWR    | 106.371 | 153622                               | Cooling tower handles water that has not been in direct contact with gaseous or liquid process streams. Emissions will be estimated using AP-42 to determine compliance with PBR 106.4 emission limits.                                                                                                                   |
| GRPHTRS     | 106.183 | 153622                               | Heaters combust natural gas and are rated at <10 MMBtu/hr. Emissions will be estimated using AP-42 to determine compliance with PBR 106.4 emission limits.                                                                                                                                                                |
| UNLOAD      | 106.472 | 153622                               | 1) No visible emissions - No monitoring needed given the material unloaded are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in 106.472(1)-(9).                                                                                                               |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                                                                                                                                                    |
|-------------|---------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GRPCTTNK    | 106.532 | 09/04/2000                           | Cooling tower treatment chemicals used for disinfection are stored in tanks. Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR 106.4 emission limits.                                                                                                                                   |
| GRPWWTNK    | 106.472 | 09/04/2000                           | 1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in 106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR 106.4 emission limits. |
| GRPHNDTL    | 106.265 | 09/04/2000                           | Hand-held or manually operated equipment used on metals. Emissions will be estimated using AP-42 to determine compliance with PBR 106.4 emission limits.                                                                                                                                                                  |
| GRPCHILL    | 106.373 | 09/04/2000                           | Refrigerant used is R-1233dz(E) (CAS Number 102687-65-0). ESL for this compound is 10,000 ug/m3. Records will be kept of any change in refrigerant.                                                                                                                                                                       |

# 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. |
|----------|------------|----------------------|
| 7/1/2025 | 4262       | 110495884            |

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 |
|-------------------|---------------|-------------------|---------------|-------------------|---------------|
|                   |               |                   |               |                   |               |
|                   |               |                   |               |                   |               |
|                   |               |                   |               |                   |               |
|                   |               |                   |               |                   |               |

- ◆ 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 |
|---------|------------------|---------|------------------|---------|------------------|
| 106.511 | 09/04/2000       |         |                  |         |                  |
| 106.183 | 09/04/2000       |         |                  |         |                  |
| 106.371 | 09/04/2000       |         |                  |         |                  |
| 106.472 | 09/04/2000       |         |                  |         |                  |
| 106.532 | 09/04/2000       |         |                  |         |                  |
| 106.265 | 09/04/2000       |         |                  |         |                  |
| 106.373 | 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 |
|------------|---------------|------------|---------------|------------|---------------|
|            |               |            |               |            |               |
|            |               |            |               |            |               |
|            |               |            |               |            |               |
|            |               |            |               |            |               |

**Applicable Requirements Summary  
Form OP-REQ3 (Page 1)  
Federal Operating Permit Program**

**Table 1a: Additions**

|                                 |                                        |                         |
|---------------------------------|----------------------------------------|-------------------------|
| <b>Date: 7/1/2025</b>           | <b>Regulated Entity No.: 110495884</b> | <b>Permit No.: 4262</b> |
| <b>Company Name: Sharka LLC</b> | <b>Area Name: Sharka Data Center</b>   |                         |

| <b>Revision No.</b> | <b>Unit/Group/Process<br/>ID No.</b> | <b>Unit/Group/Process<br/>Applicable Form</b> | <b>SOP/GOP<br/>Index No</b> | <b>Pollutant</b> | <b>Applicable Regulatory<br/>Requirement Name</b> | <b>Applicable Regulatory<br/>Requirement Standard(s)</b> |
|---------------------|--------------------------------------|-----------------------------------------------|-----------------------------|------------------|---------------------------------------------------|----------------------------------------------------------|
| 1                   | GRPCTTNK                             | OP-UA3                                        | R5112-001                   | VOC              | Chapter 115                                       | 115.111(a)(1)                                            |
| 2                   | GRPWWTNK                             | OP-UA3                                        | R5112-001                   | VOC              | Chapter 115                                       | 115.111(a)(1)                                            |
|                     |                                      |                                               |                             |                  |                                                   |                                                          |
|                     |                                      |                                               |                             |                  |                                                   |                                                          |
|                     |                                      |                                               |                             |                  |                                                   |                                                          |
|                     |                                      |                                               |                             |                  |                                                   |                                                          |
|                     |                                      |                                               |                             |                  |                                                   |                                                          |
|                     |                                      |                                               |                             |                  |                                                   |                                                          |
|                     |                                      |                                               |                             |                  |                                                   |                                                          |
|                     |                                      |                                               |                             |                  |                                                   |                                                          |

**Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Additions**

|                      |                              |                    |
|----------------------|------------------------------|--------------------|
| <b>Date:</b>         | <b>Regulated Entity No.:</b> | <b>Permit No.:</b> |
| <b>Company Name:</b> | <b>Area Name:</b>            |                    |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements    | Reporting Requirements |
|--------------|---------------------------|-------------------|-----------|-------------------------------------|-------------------------------|------------------------|
| 1            | GRPCTTNK                  | R5112-001         | VOC       | [G]115.117                          | 115.118(a)(1), (a)(5), (a)(7) | None                   |
| 2            | GRPWWTNK                  | R5112-001         | VOC       | [G]115.117                          | 115.118(a)(1), (a)(5), (a)(7) | None                   |
|              |                           |                   |           |                                     |                               |                        |
|              |                           |                   |           |                                     |                               |                        |
|              |                           |                   |           |                                     |                               |                        |
|              |                           |                   |           |                                     |                               |                        |
|              |                           |                   |           |                                     |                               |                        |
|              |                           |                   |           |                                     |                               |                        |
|              |                           |                   |           |                                     |                               |                        |
|              |                           |                   |           |                                     |                               |                        |

## Texas Commission on Environmental Quality

Title V Existing

4262

### Site Information (Regulated Entity)

|                                                       |                    |
|-------------------------------------------------------|--------------------|
| What is the name of the permit area to be authorized? | SHARKA DATA CENTER |
| Does the site have a physical address?                | Yes                |
| Physical Address                                      |                    |
| Number and Street                                     | 3441 RAILPORT PKWY |
| City                                                  | MIDLOTHIAN         |
| State                                                 | TX                 |
| ZIP                                                   | 76065              |
| County                                                | ELLIS              |
| Latitude (N) (##.#####)                               | 32.443055          |
| Longitude (W) (-###.#####)                            | 97.059166          |
| Primary SIC Code                                      | 0                  |
| Secondary SIC Code                                    |                    |
| Primary NAICS Code                                    | 518210             |
| Secondary NAICS Code                                  |                    |
| Regulated Entity Site Information                     |                    |
| What is the Regulated Entity's Number (RN)?           | RN110495884        |
| What is the name of the Regulated Entity (RE)?        | SHARKA             |
| Does the RE site have a physical address?             | Yes                |
| Physical Address                                      |                    |
| Number and Street                                     | 3441 RAILPORT PKWY |
| City                                                  | MIDLOTHIAN         |
| State                                                 | TX                 |
| ZIP                                                   | 76065              |
| County                                                | ELLIS              |
| Latitude (N) (##.#####)                               | 32.443691          |
| Longitude (W) (-###.#####)                            | -97.059686         |
| Facility NAICS Code                                   |                    |
| What is the primary business of this entity?          | DATA CENTER        |

### Customer (Applicant) Information

|                                                  |                |
|--------------------------------------------------|----------------|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)?    | CN605692540    |
| Type of Customer                                 | Corporation    |
| Full legal name of the applicant:                |                |
| Legal Name                                       | SHARKA LLC     |
| Texas SOS Filing Number                          | 803134865      |
| Federal Tax ID                                   |                |
| State Franchise Tax ID                           | 32068581654    |
| State Sales Tax ID                               |                |

|                                   |        |
|-----------------------------------|--------|
| Local Tax ID                      |        |
| DUNS Number                       |        |
| Number of Employees               | 21-100 |
| Independently Owned and Operated? | Yes    |

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

|                                                              |                                |
|--------------------------------------------------------------|--------------------------------|
| Organization Name                                            | SHARKA LLC                     |
| Prefix                                                       | MR                             |
| First                                                        | ZIA                            |
| Middle                                                       |                                |
| Last                                                         | KHAN                           |
| Suffix                                                       |                                |
| Credentials                                                  |                                |
| Title                                                        | DATA CENTER FACILITIES MANAGER |
| Enter new address or copy one from list:                     |                                |
| Mailing Address                                              |                                |
| Address Type                                                 | Domestic                       |
| Mailing Address (include Suite or Bldg. here, if applicable) | 3441 RAILPORT PKWY             |
| Routing (such as Mail Code, Dept., or Attn:)                 |                                |
| City                                                         | MIDLOTHIAN                     |
| State                                                        | TX                             |
| ZIP                                                          | 76065                          |
| Phone (###-###-####)                                         | 3612282169                     |
| Extension                                                    |                                |
| Alternate Phone (###-###-####)                               |                                |
| Fax (###-###-####)                                           |                                |
| E-mail                                                       | ziakhan@google.com             |

## Technical Contact

Person TCEQ should contact for questions about this application:

|                                                              |                                   |
|--------------------------------------------------------------|-----------------------------------|
| Select existing TC contact or enter a new contact.           | MELISSA RYAN(TRINITY CONSULT... ) |
| Organization Name                                            | TRINITY CONSULTANTS INC           |
| Prefix                                                       | MS                                |
| First                                                        | MELISSA                           |
| Middle                                                       |                                   |
| Last                                                         | RYAN                              |
| Suffix                                                       |                                   |
| Credentials                                                  |                                   |
| Title                                                        | PRINCIPAL CONSULTANT              |
| Enter new address or copy one from list:                     |                                   |
| Mailing Address                                              |                                   |
| Address Type                                                 | Domestic                          |
| Mailing Address (include Suite or Bldg. here, if applicable) | 1800 WEST LOOP S STE 1000         |

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

City

HOUSTON

State

TX

ZIP

77027

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

7135521371

Extension

208

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

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

E-mail

mryan@trinityconsultants.com

## Title V General Information - Existing

|                                                                                                                           |                      |
|---------------------------------------------------------------------------------------------------------------------------|----------------------|
| 1) Permit Type:                                                                                                           | SOP                  |
| 2) Permit Latitude Coordinate:                                                                                            | 32 Deg 26 Min 35 Sec |
| 3) Permit Longitude Coordinate:                                                                                           | 97 Deg 3 Min 33 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) 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)

[File Properties]

File Name

<a href=/ePermitsExternal/faces/file?fileId=266729>OP\_1\_Sharka minor rev 2025-0701.pdf</a>

Hash

2DBB2FCE63990303FCC080F2123CB293516FECAB059137B6A5B9417A475B862B

MIME-Type

application/pdf

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.

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 Responsible Official 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 Zia Mohammed Khan, the owner of the STEERS account ER090177.
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 4262.
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: Zia Mohammed Khan OWNER OPERATOR

|                                      |                                                                  |
|--------------------------------------|------------------------------------------------------------------|
| Account Number:                      | ER090177                                                         |
| Signature IP Address:                | 104.132.108.90                                                   |
| Signature Date:                      | 2025-07-02                                                       |
| Signature Hash:                      | CC241510E6F6BBDC2345655CC933702D35CEDAC98305B78D09CFE79C4B83ACC8 |
| Form Hash Code at time of Signature: | 29BD7E68DCB1BF4C0403CF65074558A5FBACB0A7BB33B0DC2F35A25057869232 |

## Submission

Reference Number:

The application reference number is 797525

Submitted by:

The application was submitted by  
ER090177/Zia Mohammed Khan

Submitted Timestamp:

The application was submitted on 2025-07-02 at 13:12:52 CDT

Submitted From:

The application was submitted from IP address 104.132.108.90

Confirmation Number:

The confirmation number is 662374

Steers Version:

The STEERS version is 6.92

Permit Number:

The permit number is 4262

## Additional Information

---

Application Creator: This account was created by Melissa Ryan

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