

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Microsoft Corporation

AUTHORIZING THE OPERATION OF  
Microsoft SAT15 SAT16 SAT17  
Computer Facilities Management Services

LOCATED AT  
Bexar County, Texas  
Latitude 29° 28' 13" Longitude 98° 41' 54"  
Regulated Entity Number: RN112131248

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: 04781 Issuance Date: May 13, 2026



For the Commission

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## **General Terms and Conditions**

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

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

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

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

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

## **Special Terms and Conditions:**

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

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

- E. Emission units subject to 40 CFR Part 63, Subpart 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. 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.
  - B. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
    - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
    - (ii) Sources with an effective stack height ( $h_e$ ) less than the standard effective stack height ( $H_e$ ), must reduce the allowable emission level by multiplying it by  $[h_e/H_e]^2$  as required in 30 TAC § 111.151(b)
    - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
4. 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.

#### **Additional Monitoring Requirements**

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

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

8. 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 October 2, 2025 in the application for project 38510), 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
9. 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.
10. 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**

11. 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.
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.

- B. The permit holder shall comply with 40 CFR Part 82, Subpart F related to the disposal requirements for appliances using Class I or Class II (ozone-depleting) substances or non-exempt substitutes as specified in 40 CFR §§ 82.150 - 82.166 and the applicable Part 82 Appendices.

**Temporary Fuel Shortages (30 TAC § 112.15)**

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

**Permit Location**

- 16. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

## **Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**New Source Review Authorization References**

**Applicable Requirements Summary**

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

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP1MWCA	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	STK16-1, STK17-1	R1111-001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP1MWCA	SRIC ENGINES	1MW16-1, 1MW17-1	60III-01	40 CFR Part 60, Subpart IIII	No changing attributes.
GRP1MWCA	SRIC ENGINES	1MW16-1, 1MW17-1	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP3MWCA	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	STK15-10, STK15- 11, STK15-12, STK15-13, STK15- 14, STK15-15, STK15-16, STK15- 17, STK15-18, STK15-19, STK15-2, STK15-20, STK15- 21, STK15-3, STK15-4, STK15-5, STK15-6, STK15-7, STK15-8, STK15-9, STK16-10, STK16- 11, STK16-12, STK16-13, STK16- 14, STK16-15, STK16-16, STK16- 17, STK16-18, STK16-19, STK16-2, STK16-20, STK16- 21, STK16-22, STK16-23, STK16- 24, STK16-25, STK16-26, STK16- 27, STK16-28, STK16-29, STK16-3, STK16-30, STK16-	R1111-001	30 TAC Chapter 111, Visible Emissions	No changing attributes.

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		31, STK16-4, STK16-5, STK16-6, STK16-7, STK16-8, STK16-9, STK17-10, STK17-11, STK17- 12, STK17-13, STK17-14, STK17- 15, STK17-16, STK17-17, STK17- 18, STK17-19, STK17-2, STK17-20, STK17-21, STK17- 22, STK17-23, STK17-24, STK17- 25, STK17-26, STK17-27, STK17- 28, STK17-29, STK17-3, STK17-30, STK17-31, STK17-4, STK17-5, STK17-6, STK17-7, STK17-8, STK17-9			
GRP3MWCA	SRIC ENGINES	3MW15-10, 3MW15- 11, 3MW15-12, 3MW15-13, 3MW15- 14, 3MW15-15, 3MW15-16, 3MW15- 17, 3MW15-18, 3MW15-19, 3MW15- 2, 3MW15-20, 3MW15-21, 3MW15- 3, 3MW15-4, 3MW15-5, 3MW15- 6, 3MW15-7, 3MW15-8, 3MW15-	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		9, 3MW16-10, 3MW16-11, 3MW16- 12, 3MW16-13, 3MW16-14, 3MW16- 15, 3MW16-16, 3MW16-17, 3MW16- 18, 3MW16-19, 3MW16-2, 3MW16- 20, 3MW16-21, 3MW16-22, 3MW16- 23, 3MW16-24, 3MW16-25, 3MW16- 26, 3MW16-27, 3MW16-28, 3MW16- 29, 3MW16-3, 3MW16-30, 3MW16- 31, 3MW16-4, 3MW16-5, 3MW16- 6, 3MW16-7, 3MW16-8, 3MW16- 9, 3MW17-10, 3MW17-11, 3MW17- 12, 3MW17-13, 3MW17-14, 3MW17- 15, 3MW17-16, 3MW17-17, 3MW17- 18, 3MW17-19, 3MW17-2, 3MW17- 20, 3MW17-21, 3MW17-22, 3MW17- 23, 3MW17-24, 3MW17-25, 3MW17- 26, 3MW17-27, 3MW17-28, 3MW17- 29, 3MW17-3,			

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		3MW17-30, 3MW17-31, 3MW17-4, 3MW17-5, 3MW17-6, 3MW17-7, 3MW17-8, 3MW17-9			
GRP3MWCA	SRIC ENGINES	3MW15-10, 3MW15-11, 3MW15-12, 3MW15-13, 3MW15-14, 3MW15-15, 3MW15-16, 3MW15-17, 3MW15-18, 3MW15-19, 3MW15-2, 3MW15-20, 3MW15-21, 3MW15-3, 3MW15-4, 3MW15-5, 3MW15-6, 3MW15-7, 3MW15-8, 3MW15-9, 3MW16-10, 3MW16-11, 3MW16-12, 3MW16-13, 3MW16-14, 3MW16-15, 3MW16-16, 3MW16-17, 3MW16-18, 3MW16-19, 3MW16-2, 3MW16-20, 3MW16-21, 3MW16-22, 3MW16-23, 3MW16-24, 3MW16-25, 3MW16-26, 3MW16-27, 3MW16-28, 3MW16-29, 3MW16-3, 3MW16-30, 3MW16-31, 3MW16-4,	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		3MW16-5, 3MW16-6, 3MW16-7, 3MW16-8, 3MW16-9, 3MW17-10, 3MW17-11, 3MW17-12, 3MW17-13, 3MW17-14, 3MW17-15, 3MW17-16, 3MW17-17, 3MW17-18, 3MW17-19, 3MW17-2, 3MW17-20, 3MW17-21, 3MW17-22, 3MW17-23, 3MW17-24, 3MW17-25, 3MW17-26, 3MW17-27, 3MW17-28, 3MW17-29, 3MW17-3, 3MW17-30, 3MW17-31, 3MW17-4, 3MW17-5, 3MW17-6, 3MW17-7, 3MW17-8, 3MW17-9			
GRP4MWCA	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	STK15-22, STK15-23, STK15-24, STK15-25, STK15-26, STK15-27	R1111-001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP4MWCA	SRIC ENGINES	4MW15-22, 4MW15-23, 4MW15-24, 4MW15-25, 4MW15-26, 4MW15-27	60III-01	40 CFR Part 60, Subpart IIII	No changing attributes.
GRP4MWCA	SRIC ENGINES	4MW15-22, 4MW15-23, 4MW15-24,	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		4MW15-25, 4MW15-26, 4MW15-27			
GRPADMIN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	STK15-1	R1111-001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPADMIN	SRIC ENGINES	0.4MW15-1	60III-01	40 CFR Part 60, Subpart IIII	No changing attributes.
GRPADMIN	SRIC ENGINES	0.4MW15-1	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPTANKS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	TNK15-1, TNK15-10, TNK15-11, TNK15-12, TNK15-13, TNK15-14, TNK15-15, TNK15-16, TNK15-17, TNK15-18, TNK15-19, TNK15-2, TNK15-20, TNK15-21, TNK15-22, TNK15-23, TNK15-24, TNK15-25, TNK15-26, TNK15-27, TNK15-3, TNK15-4, TNK15-5, TNK15-6, TNK15-7, TNK15-8, TNK15-9, TNK16-1, TNK16-10, TNK16-11, TNK16-12, TNK16-13, TNK16-14, TNK16-15, TNK16-16, TNK16-17, TNK16-18, TNK16-19, TNK16-2,	R1111-001	30 TAC Chapter 111, Visible Emissions	No changing attributes.

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		TNK16-20, TNK16-21, TNK16-22, TNK16-23, TNK16-24, TNK16-25, TNK16-26, TNK16-27, TNK16-28, TNK16-29, TNK16-3, TNK16-30, TNK16-31, TNK16-4, TNK16-5, TNK16-6, TNK16-7, TNK16-8, TNK16-9, TNK17-1, TNK17-10, TNK17-11, TNK17-12, TNK17-13, TNK17-14, TNK17-15, TNK17-16, TNK17-17, TNK17-18, TNK17-19, TNK17-2, TNK17-20, TNK17-21, TNK17-22, TNK17-23, TNK17-24, TNK17-25, TNK17-26, TNK17-27, TNK17-28, TNK17-29, TNK17-3, TNK17-30, TNK17-31, TNK17-4, TNK17-5, TNK17-6, TNK17-7, TNK17-8, TNK17-9			
GRPTANKS	STORAGE TANKS/VESSELS	TNK15-1, TNK15-10, TNK15-11, TNK15-12, TNK15-	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		13, TNK15-14, TNK15-15, TNK15- 16, TNK15-17, TNK15-18, TNK15- 19, TNK15-2, TNK15-20, TNK15- 21, TNK15-22, TNK15-23, TNK15- 24, TNK15-25, TNK15-26, TNK15- 27, TNK15-3, TNK15-4, TNK15-5, TNK15-6, TNK15-7, TNK15-8, TNK15-9, TNK16-1, TNK16- 10, TNK16-11, TNK16-12, TNK16- 13, TNK16-14, TNK16-15, TNK16- 16, TNK16-17, TNK16-18, TNK16- 19, TNK16-2, TNK16-20, TNK16- 21, TNK16-22, TNK16-23, TNK16- 24, TNK16-25, TNK16-26, TNK16- 27, TNK16-28, TNK16-29, TNK16- 3, TNK16-30, TNK16-31, TNK16- 4, TNK16-5, TNK16- 6, TNK16-7, TNK16- 8, TNK16-9, TNK17- 1, TNK17-10,			

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		TNK17-11, TNK17-12, TNK17-13, TNK17-14, TNK17-15, TNK17-16, TNK17-17, TNK17-18, TNK17-19, TNK17-2, TNK17-20, TNK17-21, TNK17-22, TNK17-23, TNK17-24, TNK17-25, TNK17-26, TNK17-27, TNK17-28, TNK17-29, TNK17-3, TNK17-30, TNK17-31, TNK17-4, TNK17-5, TNK17-6, TNK17-7, TNK17-8, TNK17-9			

**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)
GRP1MWC A	EP	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRP1MWC A	EU	60III-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP1MWC A	EU	60III-01	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [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.	§ 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)
GRP1MWC A	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP1MWC A	EU	63ZZZ-01	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
GRP3MWC A	EP	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						begun after January 31, 1972.			
GRP3MWC A	EU	60III-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP3MWC A	EU	60III-01	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP3MWC A	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [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	§ 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)
						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.			
GRP3MWC A	EU	63ZZZZ-01	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
GRP4MWC A	EP	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRP4MWC A	EU	60IIII-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	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	§ 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)
					[G]§ 60.4211(f)	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.			
GRP4MWC A	EU	60III-01	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP4MWC A	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP4MWC A	EU	63ZZZ-01	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	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)
						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.			
GRPADMIN	EP	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRPADMIN	EU	60IIII-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPADMIN	EU	60IIII-01	NMHC and	40 CFR Part 60,	§ 60.4205(b)	Owners and operators of	§ 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)
			NO <sub>x</sub>	Subpart IIII	§ 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	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.			
GRPADMIN	EU	60IIII-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [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.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPADMIN	EU	63ZZZZ-01	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	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)
						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.			
GRPTANKS	EP	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
GRPTANKS	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

**Additional Monitoring Requirements**

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### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRP1MWCA	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-001
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: At least once during each calendar quarter unless the unit is not operating for the entire quarter.	
Averaging Period: N/A	
Deviation Limit: Visible emission (VE) observed will be reported as deviation or alternatively further investigated within 24 hours using Method 9 and if opacity is found to exceed 20% averaged over a six-minute period, a deviation reported.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded at least once every calendar quarter. All sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes except when visible emission observations are conducted at night, in which case visible emissions observations must be made with additional lighting and the temporary installation of contrasting backgrounds. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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. If visible emissions are observed, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B), as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Method 9 Test is opacity above the corresponding opacity limit of 20% averaged over a six-minute period, then the permit holder shall report a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRP3MWCA	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-001
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: At least once during each calendar quarter unless the unit is not operating for the entire quarter.	
Averaging Period: N/A	
Deviation Limit: Visible emission (VE) observed will be reported as deviation or alternatively further investigated within 24 hours using Method 9 and if opacity is found to exceed 20% averaged over a six-minute period, a deviation reported.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded at least once every calendar quarter. All sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes except when visible emission observations are conducted at night, in which case visible emissions observations must be made with additional lighting and the temporary installation of contrasting backgrounds. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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. If visible emissions are observed, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B), as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Method 9 Test is opacity above the corresponding opacity limit of 20% averaged over a six-minute period, then the permit holder shall report a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRP4MWCA	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-001
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: At least once during each calendar quarter unless the unit is not operating for the entire quarter.	
Averaging Period: N/A	
Deviation Limit: Visible emission (VE) observed will be reported as deviation or alternatively further investigated within 24 hours using Method 9 and if opacity is found to exceed 20% averaged over a six-minute period, a deviation reported.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded at least once every calendar quarter. All sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes except when visible emission observations are conducted at night, in which case visible emissions observations must be made with additional lighting and the temporary installation of contrasting backgrounds. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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. If visible emissions are observed, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B), as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Method 9 Test is opacity above the corresponding opacity limit of 20% averaged over a six-minute period, then the permit holder shall report a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPADMIN	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-001
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: At least once during each calendar quarter unless the unit is not operating for the entire quarter.	
Averaging Period: N/A	
Deviation Limit: Visible emission (VE) observed will be reported as deviation or alternatively further investigated within 24 hours using Method 9 and if opacity is found to exceed 20% averaged over a six-minute period, a deviation reported.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded at least once every calendar quarter. All sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes except when visible emission observations are conducted at night, in which case visible emissions observations must be made with additional lighting and the temporary installation of contrasting backgrounds. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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. If visible emissions are observed, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B), as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Method 9 Test is opacity above the corresponding opacity limit of 20% averaged over a six-minute period, then the permit holder shall report a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p>	

**New Source Review Authorization References**

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**New Source Review Authorization References by Emission Unit ..... 33**

### 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: 106.472	Version No./Date: 09/04/2000
Number: 106.511	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**
0.4MW15-1	SAT15-1/ C13 400KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
1MW16-1	SAT16-1/ C32 1000KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
1MW17-1	SAT17-1/ C32 1000KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-10	SAT15-10/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-11	SAT15-11/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-12	SAT15-12/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-13	SAT15-13/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-14	SAT15-14/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-15	SAT15-15/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-16	SAT15-16/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-17	SAT15-17/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-18	SAT15-18/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-19	SAT15-19/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-2	SAT15-2/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-20	SAT15-20/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-21	SAT15-21/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-3	SAT15-3/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-4	SAT15-4/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-5	SAT15-5/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-6	SAT15-6/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-7	SAT15-7/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]

**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**
3MW15-8	SAT15-8/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW15-9	SAT15-9/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-10	SAT16-10/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-11	SAT16-11/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-12	SAT16-12/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-13	SAT16-13/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-14	SAT16-14/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-15	SAT16-15/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-16	SAT16-16/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-17	SAT16-17/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-18	SAT16-18/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-19	SAT16-19/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-2	SAT16-2/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-20	SAT16-20/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-21	SAT16-21/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-22	SAT16-22/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-23	SAT16-23/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-24	SAT16-24/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-25	SAT16-25/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-26	SAT16-26/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-27	SAT16-27/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]

**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**
3MW16-28	SAT16-28/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-29	SAT16-29/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-3	SAT16-3/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-30	SAT16-30/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-31	SAT16-31/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-4	SAT16-4/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-5	SAT16-5/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-6	SAT16-6/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-7	SAT16-7/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-8	SAT16-8/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW16-9	SAT16-9/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-10	SAT17-10/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-11	SAT17-11/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-12	SAT17-12/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-13	SAT17-13/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-14	SAT17-14/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-15	SAT17-15/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-16	SAT17-16/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-17	SAT17-17/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-18	SAT17-18/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-19	SAT17-19/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]

**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**
3MW17-2	SAT17-2/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-20	SAT17-20/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-21	SAT17-21/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-22	SAT17-22/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-23	SAT17-23/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-24	SAT17-24/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-25	SAT17-25/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-26	SAT17-26/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-27	SAT17-27/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-28	SAT17-28/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-29	SAT17-29/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-3	SAT17-3/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-30	SAT17-30/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-31	SAT17-31/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-4	SAT17-4/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-5	SAT17-5/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-6	SAT17-6/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-7	SAT17-7/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-8	SAT17-8/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
3MW17-9	SAT17-9/ C175-16 3100KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
4MW15-22	SAT15-22/ C175-20 3900KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]

**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**
4MW15-23	SAT15-23/ C175-20 3900KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
4MW15-24	SAT15-24/ C175-20 3900KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
4MW15-25	SAT15-25/ C175-20 3900KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
4MW15-26	SAT15-26/ C175-20 3900KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
4MW15-27	SAT15-27/ C175-20 3900KW GENERATOR-ENGINE	106.511/09/04/2000 [173546]
STK15-1	SAT15-1/ C13 400KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-10	SAT15-10/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-11	SAT15-11/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-12	SAT15-12/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-13	SAT15-13/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-14	SAT15-14/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-15	SAT15-15/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-16	SAT15-16/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-17	SAT15-17/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-18	SAT15-18/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-19	SAT15-19/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-2	SAT15-2/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-20	SAT15-20/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-21	SAT15-21/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-22	SAT15-22/ C175-20 3900KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-23	SAT15-23/ C175-20 3900KW GENERATOR-STACK	106.511/09/04/2000 [173546]

**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**
STK15-24	SAT15-24/ C175-20 3900KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-25	SAT15-25/ C175-20 3900KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-26	SAT15-26/ C175-20 3900KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-27	SAT15-27/ C175-20 3900KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-3	SAT15-3/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-4	SAT15-4/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-5	SAT15-5/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-6	SAT15-6/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-7	SAT15-7/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-8	SAT15-8/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK15-9	SAT15-9/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-1	SAT16-1/ C32 1000KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-10	SAT16-10/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-11	SAT16-11/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-12	SAT16-12/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-13	SAT16-13/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-14	SAT16-14/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-15	SAT16-15/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-16	SAT16-16/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-17	SAT16-17/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-18	SAT16-18/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]

### 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**
STK16-19	SAT16-19/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-2	SAT16-2/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-20	SAT16-20/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-21	SAT16-21/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-22	SAT16-22/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-23	SAT16-23/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-24	SAT16-24/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-25	SAT16-25/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-26	SAT16-26/ C175-16	106.511/09/04/2000 [173546]
STK16-27	SAT16-27/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-28	SAT16-28/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-29	SAT16-29/ C175-16	106.511/09/04/2000 [173546]
STK16-3	SAT16-3/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-30	SAT16-30/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-31	SAT16-31/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-4	SAT16-4/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-5	SAT16-5/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-6	SAT16-6/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-7	SAT16-7/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-8	SAT16-8/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK16-9	SAT16-9/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]

**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**
STK17-1	SAT17-1/ C32 1000KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-10	SAT17-10/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-11	SAT17-11/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-12	SAT17-12/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-13	SAT17-13/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-14	SAT17-14/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-15	SAT17-15/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-16	SAT17-16/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-17	SAT17-17/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-18	SAT17-18/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-19	SAT17-19/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-2	SAT17-2/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-20	SAT17-20/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-21	SAT17-21/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-22	SAT17-22/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-23	SAT17-23/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-24	SAT17-24/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-25	SAT17-25/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-26	SAT17-26/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-27	SAT17-27/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-28	SAT17-28/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]

**New Source Review Authorization References by Emissions Unit**

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
STK17-29	SAT17-29/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-3	SAT17-3/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-30	SAT17-30/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-31	SAT17-31/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-4	SAT17-4/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-5	SAT17-5/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-6	SAT17-6/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-7	SAT17-7/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-8	SAT17-8/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
STK17-9	SAT17-9/ C175-16 3100KW GENERATOR-STACK	106.511/09/04/2000 [173546]
TNK15-1	SAT15-1/ C13 400KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-10	SAT15-10/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-11	SAT15-11/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-12	SAT15-12/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-13	SAT15-13/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-14	SAT15-14/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-15	SAT15-15/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-16	SAT15-16/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-17	SAT15-17/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-18	SAT15-18/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-19	SAT15-19/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]

**New Source Review Authorization References by Emissions Unit**

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
TNK15-2	SAT15-2/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-20	SAT15-20/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-21	SAT15-21/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-22	SAT15-22/ C175-20 3900KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-23	SAT15-23/ C175-20 3900KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-24	SAT15-24/ C175-20 3900KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-25	SAT15-25/ C175-20 3900KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-26	SAT15-26/ C175-20 3900KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-27	SAT15-27/ C175-20 3900KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-3	SAT15-3/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-4	SAT15-4/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-5	SAT15-5/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-6	SAT15-6/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-7	SAT15-7/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-8	SAT15-8/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK15-9	SAT15-9/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-1	SAT16-1/ C32 1000KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-10	SAT16-10/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-11	SAT16-11/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-12	SAT16-12/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-13	SAT16-13/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]

**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**
TNK16-14	SAT16-14/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-15	SAT16-15/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-16	SAT16-16/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-17	SAT16-17/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-18	SAT16-18/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-19	SAT16-19/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-2	SAT16-2/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-20	SAT16-20/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-21	SAT16-21/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-22	SAT16-22/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-23	SAT16-23/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-24	SAT16-24/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-25	SAT16-25/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-26	SAT16-26/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-27	SAT16-27/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-28	SAT16-28/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-29	SAT16-29/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-3	SAT16-3/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-30	SAT16-30/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-31	SAT16-31/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-4	SAT16-4/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
TNK16-5	SAT16-5/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-6	SAT16-6/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-7	SAT16-7/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-8	SAT16-8/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK16-9	SAT16-9/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-1	SAT17-1/ C32 1000KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-10	SAT17-10/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-11	SAT17-11/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-12	SAT17-12/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-13	SAT17-13/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-14	SAT17-14/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-15	SAT17-15/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-16	SAT17-16/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-17	SAT17-17/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-18	SAT17-18/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-19	SAT17-19/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-2	SAT17-2/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-20	SAT17-20/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-21	SAT17-21/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-22	SAT17-22/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-23	SAT17-23/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]

**New Source Review Authorization References by Emissions Unit**

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
TNK17-24	SAT17-24/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-25	SAT17-25/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-26	SAT17-26/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-27	SAT17-27/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-28	SAT17-28/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-29	SAT17-29/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-3	SAT17-3/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-30	SAT17-30/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-31	SAT17-31/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-4	SAT17-4/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-5	SAT17-5/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-6	SAT17-6/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-7	SAT17-7/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-8	SAT17-8/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]
TNK17-9	SAT17-9/ C175-16 3100KW GENERATOR-TANK	106.472/09/04/2000 [173546]

\*\*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 ..... 47**

## 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
RO	Responsible Official
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