

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5064

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|--|-----------------------------|------------------|-------|
| | | | lb/hr | TPY |
| 5 | Lime Storage Silo | PM | 0.30 | 1.00 |
| D-1 | 1,250-HP Diesel Generator | VOC | 0.07 | <0.10 |
| | | NO _x | 2.41 | 0.80 |
| | | SO ₂ | 0.14 | <0.10 |
| | | PM | 0.04 | <0.10 |
| | | CO | 0.41 | 0.10 |
| D-2 | 1,250-HP Diesel Generator | VOC | 0.07 | <0.10 |
| | | NO _x | 2.41 | 0.80 |
| | | SO ₂ | 0.14 | <0.10 |
| | | PM | 0.04 | <0.10 |
| | | CO | 0.41 | 0.10 |
| D-3 | 1,250-HP Diesel Generator | VOC | 0.07 | <0.10 |
| | | NO _x | 2.41 | 0.80 |
| | | SO ₂ | 0.14 | <0.10 |
| | | PM | 0.04 | <0.10 |
| | | CO | 0.41 | 0.10 |
| D-4 | 1,250-HP Diesel Generator | VOC | 0.07 | <0.10 |
| | | NO _x | 2.41 | 0.80 |
| | | SO ₂ | 0.14 | <0.10 |
| | | PM | 0.04 | <0.10 |
| | | CO | 0.41 | 0.10 |
| E-4 | Incinerator Stack, Trains I and II Combined** | NO _x | 134.0 | 261.8 |

| | | | | |
|-----|-----------------------|-----------------|-------|------|
| G-1 | North Fire Water Pump | VOC | 0.23 | 0.02 |
| | | NO _x | 11.38 | 0.85 |
| | | SO ₂ | 0.36 | 0.03 |
| | | PM | 0.39 | 0.03 |
| | | CO | 2.02 | 0.15 |
| G-2 | South Fire Water Pump | VOC | 0.43 | 0.03 |
| | | NO _x | 5.40 | 0.41 |
| | | SO ₂ | 0.36 | 0.03 |
| | | PM | 0.39 | 0.03 |
| | | CO | 1.17 | 0.09 |

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

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

(3) PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

- Engines at 270 hours per year total.
- Pumps at 150 hours per year each.

* Lime storage silo annual emission rate is based upon continuous operation.

** The annual emission limit for EPN E-4 is based on the calendar year. Emission of air contaminants from EPN E-4 other than NO_x appear on the maximum allowable emission rates table of Permit No. HW-50089-001. **These emissions are permitted under NA and State.**

Dated_____