

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 37283, PSD-TX-915, and N-015

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 |
| CG-2 | Turbine/HRSG | NO _x | 87.49 | 265.32 |
| | | CO | 398.00 | 773.80 |
| | | VOC | 9.00 | 35.07 |
| | | SO ₂ | 29.70 | 6.50 |
| | | PM ₁₀ | 18.30 | 72.32 |
| | | NH ₃ | 27.70 | 108.80 |
| | | H ₂ SO ₄ | 1.36 | 1.00 |
| CG-3 | Turbine/HRSG | NO _x | 65.62 | 176.88 |
| | | CO | 398.00 | 773.80 |
| | | VOC | 9.00 | 35.07 |
| | | SO ₂ | 29.70 | 6.50 |
| | | PM ₁₀ | 18.30 | 72.32 |
| | | NH ₃ | 27.70 | 108.80 |
| | | H ₂ SO ₄ | 1.36 | 1.00 |
| F-2 | Fugitives (4) | VOC | 0.008 | 0.034 |

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3)
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - SO₂ - sulfur dioxide
 - PM₁₀ - particulate matter (PM) 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.
 - NH₃ - ammonia
 - H₂SO₄ - sulfuric acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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* Gas turbine emission rates are based on and the gas turbine is limited by the following maximum operating schedule:

8,760 Hours/year

Dated _____