

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 72579 and PSD-TX-1080

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**
TURB1	Turbine (GE 7FA)	NO _x	57.0	267.0
		NO _x ***	195.0	---
		CO	29.0	162.0
		CO***	230.0	---
		VOC	2.8	11.2
		PM ₁₀	10.0	40.0
		SO ₂	23.9	95.6
TURB2	Turbine (GE 7FA)	NO _x	57.0	267.0
		NO _x ***	195.0	---
		CO	29.0	162.0
		CO***	230.0	---
		VOC	2.8	11.2
		PM ₁₀	10.0	40.0
		SO ₂	23.9	95.6
DGEN1	Emergency Diesel-Fired Generator	NO _x	7.17	16.36
		CO	2.11	0.92
		VOC	0.33	0.14
		PM ₁₀	0.20	0.09
		SO ₂	0.96	0.42
HEAT1A	Fuel Gas Heater	NO _x	0.68	2.86
		CO	0.10	0.42
		VOC	0.02	0.08
		PM ₁₀	0.03	0.13
		SO ₂	0.06	0.25
HEAT1B	Fuel Gas Heater	NO _x	0.68	2.86

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			lb/hr	TPY**
		CO	0.10	0.42
		VOC	0.02	0.08
		PM ₁₀	0.03	0.13
		SO ₂	0.06	0.25
HEAT2	Fuel Gas Heater	NO _x	1.18	4.95
		CO	0.17	0.73
		VOC	0.03	0.15
		PM ₁₀	0.05	0.22
		SO ₂	0.10	0.44

- (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 an 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.
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.
SO₂ - sulfur dioxide

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

24 Hrs/day for 7 Days/week

** Compliance with annual emission limits is based on a rolling 12-month period.

*** Emission limits during normal, planned start-up, shutdown, or maintenance operations for turbine operation only. Each period shall not exceed 400 hours per rolling 12-month period.

Dated August 24, 2007