

Emission Sources - Maximum Allowable Emission Rates

Permit Number 72579 and PSDTX1080

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
TURB1 (5)	GE 7FA Turbine	NO _x	57.0	267.0
		NO _x (MSS)	195.0	-
		CO	29.0	162.0
		CO (MSS)	230.0	-
		VOC	2.8	11.2
		PM ₁₀	10.0	40.0
		SO ₂	23.9	95.6
TURB2 (5)	GE 7FA Turbine	NO _x	57.0	267.0
		NO _x (MSS)	195.0	-
		CO	29.0	162.0
		CO (MSS)	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	16.36	7.17
		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

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HEAT1A	Fuel Gas Heater	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
		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 plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- CO - carbon monoxide
- MSS - maintenance, startup, and shutdown emission rates
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) The pounds per hour and tons per year emission rates include emissions generated from MSS.

Date: _____