

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 38481 and PSD-TX-921

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
	Cogeneration Stack (Turbine Only)	NO _x	17.14	67.41
	GE Model PG6561(B)	CO (4)	28.98	113.98
		PM ₁₀ (4)	5.00	21.90
		SO ₂	14.88	5.85
		VOC	2.12	8.34
	Cogeneration Stack (HRSG only)	NO _x	24.12	97.87
	279.3 MMBtu/hr Duct Burner	CO (4)	24.12	97.87
	12.23	PM ₁₀ (4)		3.02
		SO ₂	8.55	3.46
		VOC	1.22	4.95
1180	Cogeneration Stack (Combined Turbine and HRSGU)	NO _x	41.26	165.28
		CO (4)	53.10	211.85
		PM ₁₀ (4)	8.02	34.13
		SO ₂	23.43	9.31
		VOC	3.34	13.29
1180	Cogeneration Stack Peak Loading for 24 hrs/year	NO _x	76.12	0.91
	0.63	CO (4)		53.12
	(Combined Turbine and HRSG)	PM ₁₀ (4)	8.02	0.096
		SO ₂	24.62	0.29
		VOC	3.51	0.042
1181	Cogeneration Fugitives	VOC (5)	0.01	0.02

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1182	Turbine Oil Vent	VOC (5)	0.25	1.00
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- (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) NO_x - total oxides of nitrogen
CO - carbon monoxide
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
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1(4)
- (4) These emissions are permitted under PSD and State.
- (5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year _____

Dated _____