

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 43178 and PSD-TX 962

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**
T-01	Turbine No. 1 with SCR and CO Catalyst	NO _x (5)	14.60	63.95
		CO (5)	21.30	93.29
		SO ₂ 1.24	5.43	
		PM ₁₀ (5)	2.98	13.05
		VOC 2.20	9.64	
		NH ₃ 4.02	17.61	
		H ₂ SO ₄ 0.12	0.54	
T-01	Turbine No. 1 with SCR, CO Catalyst, and HRSG	NO _x (5)	11.30	49.49
		CO (5)	26.50	11.07
		SO ₂	1.73	7.58
		PM ₁₀ (5)	4.58	20.04
		VOC 2.20	9.64	
		NH ₃ 5.90	25.84	
		H ₂ SO ₄ 0.17	0.76	
T-02	Turbine No. 2 with SCR, CO Catalyst, and HRSG	NO _x (5)	11.30	49.49
		CO (5)	26.50	11.07
		SO ₂	1.73	7.58
		PM ₁₀ (5)	4.58	20.04
		VOC 2.20	9.64	
		NH ₃ 5.90	25.84	
		H ₂ SO ₄ 0.17	0.76	
NH3 Tank	Aqueous Ammonia Tank	NH ₃	0.38	1.66
Fug-01	Fugitives	VOC (4)	0.02	0.07

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- (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
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.
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
NH₃ - ammonia
H₂SO₄ - sulfuric acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) These emissions are permitted under PSD and State

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

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

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

Dated _____