

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 8988

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 **
1	Thermal Incinerator (5)	CO	6.90	30.26
		H ₂ S	0.03	
		NO _x	8.38	36.74
		PM ₁₀	0.62	
		SO ₂	53.97	236.37
		VOC	0.14	0.62
2	Flare (5)	CO	29.55	128.41
		H ₂ S	0.58	2.51
		NO _x	6.20	25.48
		SO ₂	52.94	231.88
		VOC	2.81	12.31
3A	Steam Boiler	CO	2.27	9.93
		NO _x	2.70	11.83
		PM ₁₀	0.21	0.90
		SO ₂	0.02	0.07
		VOC	0.15	0.65
3B	Steam Boiler	CO	2.27	9.93
		NO _x	2.70	11.83
		PM ₁₀	0.21	0.90
		SO ₂	0.02	0.07
		VOC	0.15	0.65
9	Fire Pump Engine (876 hours per calendar year)	CO	1.04	0.55
		NO _x	4.84	2.19
		PM ₁₀	0.34	0.15
		SO ₂	0.32	0.14
		VOC	0.07	0.17

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY **
10	Glycol Storage Tank	VOC	0.01	0.01
11	Amine Storage Tank	VOC	0.01	0.01
FL-HP	High Pressure Flare (Pilot Fuel Only)	CO	0.03	0.12
		H ₂ S	0.01	0.01
		NO _x	0.01	0.06
		SO ₂	0.05	0.01
		VOC	0.01	0.02
FG-1	Process Fugitives (4)	H ₂ S	0.02	0.08
		VOC	0.55	2.41

- (1) Emission point identification - either specific equipment designation or emission point number.
 (2) Specific point source name. For fugitive sources use area name or fugitive source name.
 (3) CO - carbon monoxide
 H₂S - hydrogen sulfide
 NO_x - total oxides of nitrogen
 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 Title 30 Texas Administrative Code § 101.1
 (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 (5) The emission estimates from these sources reflects the limits of Special Condition No. 9 which authorizes the combustion of specific waste gas in the incinerator or the flare, but not simultaneously in both.

* 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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

Dated _____