

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8988 and PSD-TX-470

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 *	
TPY			lb/hr	
1	Incinerator	VOC	0.06	0.3
		NO _x	3.5	15.5
		SO ₂ (5,6)	68.0	298.0
		PM ₁₀	0.3	1.3
		CO	0.3	1.5
		H ₂ S (5,6)	0.68	3.0
2	Flare	NO _x	1.86	8.16
		CO	3.73	16.32
		SO ₂	0.08	4.04
		H ₂ S	0.02	0.08
		VOC	12.64	5.86
3A	Boiler	NO _x	3.78	16.56
		CO	0.94	4.14
		PM ₁₀	0.17	0.74
		VOC	0.07	0.33
		SO ₂	0.02	0.07
3B	Boiler	NO _x	3.78	16.56
		CO	0.94	4.14
		PM ₁₀	0.17	0.74
		VOC	0.07	0.33
		SO ₂	0.02	0.07
4	Sulfur Pit Vent	H ₂ S	<0.01	<0.01
8A	360 Hp Ajax Engine (7)	NO _x	8.64	37.84
		CO	1.12	4.89
		VOC	0.35	1.53
		SO ₂	<0.01	1.53
		PM ₁₀	0.07	0.32
8B	360 Hp Ajax Engine (7)	NO _x	8.64	37.84

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<u>TPY</u>				
		CO	1.12	4.89
		VOC	0.35	1.53
		SO ₂	<0.01	1.53
		PM ₁₀	0.07	0.32
EP-9	Fire Pump Engine	NO _x	4.8	0.12
		VOC	0.07	<0.01
		SO ₂	0.32	<0.01
		PM ₁₀	0.34	<0.01
		CO	1.04	0.03
FG-1	Fugitives (4)	VOC	15.08	66.0
		H ₂ S	0.26	1.14

- (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) PM₁₀ - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emission rates listed reflect the rate after June 1, 1998.
- (6) Interim maximum emission rates are as follows:

Prior to June 1, 1995:

SO₂ 1735.16 lbs/hr and 7,600 tpy

H₂S 17.35 lbs/hr and 76.0 tpy

June 1, 1995 through June 30, 1998:

SO₂ 1,360.00 lbs/hr and 5,958 tpy

H₂S 13.60 lbs/hr and 59.6 tpy

- (7) Combined operational hours for EPNs 8A and 8B shall not exceed 9,237 hours per year. Combined annual emissions for both compressors shall not exceed 39.9 tons per year of NO_x.

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<u>TPY</u>			

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

Hrs/day___Days/week___Weeks/year___or Hrs/year 8,760

Dated _____