

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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	Incinerator (5)	VOC	6.54	28.65
		NO _x	5.7	25.0
		SO ₂	74.0	238.06
		PM ₁₀	0.6	2.6
		CO	46.08	201.8
		H ₂ S	0.79	2.52
2	Flare (5)	NO _x	8.06	33.63
		CO	50.31	219.24
		SO ₂	74.09	242.11
		H ₂ S	0.81	2.60
		VOC	19.27	34.9
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
3C	Boiler	NO _x	4.49	19.70
		CO	4.37	19.20
		PM ₁₀	1.05	4.59
		VOC	0.07	0.30
		SO ₂	1.08	4.75

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
8A	360-Hp Ajax Engine	NO _x	1.31	4.77
		CO	2.21	8.07
		VOC	0.35	1.53
		SO ₂	<0.01	1.53
		PM ₁₀	0.07	0.32
8B	360-Hp Ajax Engine	NO _x	1.31	4.77
		CO	2.21	8.07
		VOC	0.35	1.53
		SO ₂	<0.01	1.53
		PM ₁₀	0.07	0.32
EP-9	Fire Pump Engine (5)	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	0.02
EPN-10	Glycol Storage Tank	VOC	<0.01	<0.01
EPN-11	Amine Storage Tank	VOC	2.11	0.05
FG-1	Fugitives (4)	VOC	1.22	5.34
		H ₂ S	0.10	0.44
3CFUG	Fugitives (4)	VOC	<0.001	0.001
EXCHFUG	Exchanger Fugitives (4)	H ₂ S	0.003	0.01

- (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.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter 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
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) The emission estimates from these sources reflects the limits of Special Condition No. 11 which authorizes the combustion of acid gas in either the incinerator or the flare, but not in both simultaneously.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day ____ Days/week ____ Weeks/year ____ Hrs/year 8,760

Dated January 24, 2001