

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	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 (5, 6)	16.32	71.5
		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
3C	Boiler	NO _x	4.49	19.70
		CO	4.37	19.20
		PM ₁₀	1.05	4.59
		VOC	0.07	0.30

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
		SO ₂	1.08	4.75
4	Sulfur Pit Vent	H ₂ S	<0.01	<0.01
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 (7)	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
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 from plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

PM₁₀ - particulate matter less than 10 microns in diameter
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
CO 573 lbs/hr and 2,511 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
CO 573 lbs/hr and 2,511 tpy

- (7) Annual emission rates for the fire pump engine are based on a maximum operating schedule of 48 hrs/year.

* 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_____