

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23464

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)	lb/hr	<u>Emission Rates *</u> TPY
1	Compressor - 280 H.P.	NO _x	7.03	30.8
		CO	1.11	4.9
		VOC	1.05	4.6
2	Generator - 80 H.P.	NO _x	2.60	11.58
		CO	0.53	2.32
		VOC	0.35	1.54
3	Generator - 80 H.P.	NO _x	2.60	11.58
		CO	0.53	2.32
		VOC	0.35	1.54
4	Production Treater	NO _x	<0.1	0.20
		CO	<0.1	0.04
		VOC	<0.1	0.01
5	Test Treater	NO _x	<0.1	0.20
		CO	<0.1	0.04
		VOC	<0.1	0.01
6	Amine Unit	NO _x	<0.1	0.44
		CO	<0.1	0.09
		VOC	<0.1	0.03
7	Dehydration Unit	NO _x	<0.1	0.05
		CO	<0.1	0.01
		VOC	<0.1	<0.01
8	Tank Vent	VOC	0.4	1.60
		H ₂ S	<0.1	0.1
9	Flare	SO ₂ **	54.8	239.9
		SO ₃ **	1.9	8.4
		NO _x	<0.1	0.1

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H ₂ S	0.6	2.6
CO	<0.1	0.2
VOC	0.0	0.0

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY	
10	Fugitives (4)(5)			VOC	7.6
				H ₂ S	0.9
					33.4
					3.9
10	Fugitives (4)(6)			VOC	1.5
				H ₂ S	<0.1
					6.4
					0.3

- (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) CO - carbon monoxide
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
SO₃ - sulfur trioxide
VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) These emissions rates are based on current plant operation and shall cease to apply on January 1, 1995.
- (6) These emissions rates are based on implementation of the 28M fugitive emissions monitoring program and shall begin to apply on January 1, 1995.

* 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

** Estimate: 0.5 percent of SO_x emissions are in the form of SO₃

Dated_____

