

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3917

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
F-97	Heavy Mercaptan Unit Fugitives (4)	VOC	0.52	2.29
		H2S	0.22	0.97
P-FLR	Flare (5)	VOC	0.34	0.05
		NOx	0.04	0.01
		SO2	7.41	1.17
		CO	0.15	0.02
T-105	Tank T-105	VOC	0.2	0.008
T-5	Tank T-5	VOC	0.011	0.012

Before March 1, 1995

T-106	Tank T-106	VOC	10.52	0.26
S-38	Hot Oil Heater	VOC	0.06	0.27
		PM10	0.10	0.44
		NOx	0.85	3.70
		SO2	0.12	0.53
		CO	0.18	0.78

After March 1, 1995

S-38	Hot Oil Heater	VOC	0.27	0.28
		PM10	0.10	0.44
		NOx	0.85	3.70
		SO2	0.12	0.53
		CO	0.18	0.78

- (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.
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- (3) VOC - volatile organic compounds as defined in General Rule 101.1
H2S - hydrogen sulfide
PM10 - particulate matter less than 10 microns
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Flare emissions shown are those attributable only to the operation of the 097 Unit and supplemental terminal operations of the n-dodecyl mercaptan and n-octyl mercaptan facilities.

* 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 or Hrs/year 8,760

Dated_____

