

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21715

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
H-56	Product Tank	VOC	0.42	0.38
H-70	Sulfur Tank	Sulfur	<0.01	<0.01
H-71	Ethylene Glycol Tank	VOC	0.03	<0.01
H-72	Decyl Alcohol Tank	VOC	0.23	0.01
BHO-3	Filter Aid	PM ₁₀	2.06	1.50
Fug-55	Fugitives (4)	VOC	0.62	2.71
FI-01	Fume Incinerator	CO	0.18	0.79
		H ₂ S	0.05	0.07
		NO _x	0.90	3.94
		PM ₁₀	0.05	0.20
		SO ₂ **	14.83	20.07
		VOC	1.23	2.51
HO-15	Hot Oil Heater	CO	0.83	3.63
		NO _x	3.32	14.53
		PM ₁₀	0.12	0.52
		SO ₂ **	0.01	0.06
		VOC	0.07	0.29
FL-T55	Flare	CO	8.25	2.61
		H ₂ S	0.10	0.01
		NO _x	0.96	0.31
		SO ₂ **	14.68	1.63
		VOC	2.96	0.58

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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
PM₁₀ - particulate matter less than 10 microns
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.

- * 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 SO₂ emissions are in the form of SO₃