

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1413

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>	
			<u>lb/hr</u>	<u>TPY</u>
S-84	Tail Gas Incinerator (TGI) Stack 0.58	VOC		0.13
		NO _x	2.41	10.60
		CO	5.75	25.20
		PM	0.18	0.80
		SO ₂	43.39	190.05
		H ₂ S	0.46	2.02
E29H417	SCOT Heater	VOC	0.02	0.09
		NO _x	0.58	2.53
		CO	0.31	1.36
		PM	0.03	0.12
		SO ₂	0.12	0.31
F-SRU	Sulfur Recovery Fugitives (4) 0.28	VOC		0.06
		CO	0.03	0.13
		H ₂ S	0.06	0.24
F-AMINE	Amine Unit Fugitives (4)	VOC	0.08	0.34
		CO	0.01	0.03
		H ₂ S	0.02	0.09
FL-87 Maintenance Only	Acid Gas Flare			Upset and

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) VOC - volatile organic compounds as defined in General Rule 101.1
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter.
 - SO₂ - sulfur dioxide
 - H₂S - hydrogen sulfide
- (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:

8,760 Hrs/year

Dated_____