

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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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>	
			lbs/hr	TPY
TGTU1	TGTU No. 1 Incinerator	SO2	60.56	238.53
		NOx	6.0	18.22
		CO	3.68	11.17
		NMVOC	0.29	0.88
		TSP	0.53	1.58
		PM10	0.53	1.58
STGTU1-2	Hot Oil Heater	SO2	0.19	0.45
		NOx	0.53	1.21
		CO	0.15	0.34
		NMVOC	0.04	0.09
		TSP	0.04	0.08
		PM10	0.04	0.08
FSRU2	SRU No. 2 Fugitives (4)	SO2	0.002	0.008
		H2S	0.002	0.009
FSRU3	SRU No. 3 Fugitives (4)	SO2	0.007	0.03
		H2S	0.007	0.03
FTGTU1	Tail Gas Treating Unit 1 Fugitives (4)	SO2	0.001	0.003
		H2S	0.002	0.007
		CO	0.002	0.008
FARU1	No. 1 Amine Regeneration Unit Process Fugitives (4)	H2S	0.051	0.22
		VOC	0.017	0.07
FARU2	No. 2 Amine Regeneration Unit Process Fugitives (4)	H2S	0.033	0.14
		VOC	0.008	0.03
EARU 1	ARU 1 and 2 Emergency Flare	EMERGENCY USE ONLY		

and 2

FSWS1	Sour Water Stripper Fugitives (4)	H2S	0.014	0.06
		NH3	<0.001	<0.001
		VOC	<0.001	<0.001

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- (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) PM10 - particulate matter less than 10 microns
NMVOC - non-methane volatile organic compounds as defined in General Rule 101.1
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
NH3 - anhydrous ammonia
H2S - hydrogen sulfide
TSP - total suspended particulate
- (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_____

Revised_____