

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2809

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
STGTU1-1	TGTU No. 1 Incinerator	VOC	0.29	0.88
		NOx	6.0	18.22
		SO2	60.56	238.53
		CO	3.68	11.17
		PM10	0.53	1.58
STGTU2-1	TGTU2 No. 2 Incinerator	VOC	0.29	0.88
				NOx
		22.78		
		SO2	60.56	238.53
		CO	3.68	11.17
		PM10	0.53	1.58
STGTU1-2	Hot Oil Heater	VOC	0.04	0.09
		NOx	0.53	1.21
		SO2	0.19	0.45
		CO	0.15	0.34
		PM10	0.04	0.08
STGTU2-2	Hot Oil Heater	VOC	0.07	0.31
		NOx	3.12	13.65
		SO2	0.69	3.02
		PM	0.08	0.34
		PM10	0.07	0.30
FSRU2	SRU No. 2 Fugitives (4)	SO2	<0.01	<0.01
		H2S	<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lbs/hr	TPY
FSRU3	SRU No. 3 Fugitives (4)	SO2	<0.01	0.03
		H2S	<0.01	0.03
FSRU 4	SRU No. 4 Fugitives (4)	VOC	0.01	0.04
		SO2	0.03	0.13
		H2S	0.06	0.27
FTGTU1	Tail Gas Treating Unit 1 Fugitives (4)	SO2	<0.01	<0.01
		CO	<0.01	<0.01
		H2S	<0.01	<0.01
FTGTU2	Tail Gas Treating Unit 2 Fugitives (4)	VOC	1.52	6.64
		SO2	0.02	0.11
		H2S	0.15	0.64
FARU1	No. 1 Amine Regeneration Unit Process Fugitives (4)	VOC	0.02	0.07
		H2S	0.05	0.22
FARU2	No. 2 Amine Regeneration Unit Process Fugitives (4)	VOC	<0.01	0.03
		H2S	0.03	0.14
FARU3	No.3 Amine Regeneration Unit Process Fugitives (4)	VOC	0.08	0.33
		H2S	0.19	0.83
FARU 4	No. 4 Amine Regeneration Unit Process Fugitives (4)	VOC	0.28	1.22
		H2S	0.30	1.34
EARU 1 and 2	ARU 1 and 2 Emergency Flare	EMERGENCY USE ONLY		
FSWS1	Sour Water Stripper Fugitives (4)	VOC	<0.01	<0.01
		NH3	<0.01	0.01
		H2S	0.05	0.22
TAR01748	Amine Tank	VOC	0.10	0.45
		H2S	<0.01	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lbs/hr	TPY

- (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
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
NH3 - anhydrous ammonia
H2S - hydrogen sulfide
PM - particulate matter
PM10 - particulate matter less than 10 microns
- (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

Dated_____