EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3119A

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)	Emission Rates * lb/hr	TPY
412	SRU Incinerator Stack	SO_2	26.44	115.81
		NO_x	1.37	6.00
		CO	0.20	0.85
		H_2S	0.56	2.46
		COS	0.50	2.17
		CS_2	0.63	2.75
		PM	0.11	0.50
		VOC	0.03	0.15
413	Acid Gas Flare	SO_2	0.09	0.38
		NO_x	0.16	0.70
		CO	1.15	5.03
		VOC	0.08	0.35
414	Sour Water Gas Flare	FOR EMERGENCY USE ONLY		
415	Sulfur Pit	H_2S	0.44	1.93
F411	SRU Fugitives (4)	VOC	1.60	7.00
		H_2S	0.65	2.83
433	Sour Water Tank	VOC	0.46	1.51
		H_2S	0.12	0.38
		NH_3 0.01	0.01	

(1) Emission point identification - either specific equipment designation or emission point number

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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 Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM_{10}
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
CO - carbon monoxide
H_2S - hydrogen sulfide
CS_2 - carbon disulfide
COS - carbonyl sulfide
NH_3 - ammonia

(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 8,760 Hrs/year.

Dated October 31, 2005