

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49049

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**
FLARE1	Emergency Flare	CO	0.11	0.46
		NO _x	0.05	0.23
		VOC	0.02	0.09
INCIN-1	Tail Gas Incinerator (16 MMBtu/hr) (99.8 percent sulfur recovery)	CO	9.80	42.93
		H ₂ S	0.04	0.17
		NO _x	1.48	6.49
		PM ₁₀	0.11	0.50
		SO ₂	74.60	326.80
		VOC	0.08	0.36
LOAD-S	Sulfur Truck Loading (5)	H ₂ S	0.88	3.83
		SO ₂	1.05	4.60
PIT	Sulfur Pit Emissions (5)	H ₂ S	1.17	5.11
		SO ₂	1.40	6.13
PROFUG	Process Fugitives (4)	H ₂ S	0.04	0.18
		VOC	0.15	0.66

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) CO - carbon monoxide

H₂S - hydrogen sulfide

NO_x - total oxides of nitrogen

PM₁₀ - particulate matter (PM) equal to and 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.

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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(5) This Emission Point Number must be controlled to the tail gas incinerator within three years of permit issuance.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated _____