

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 31509 and PSD-TX-485M1

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 (4)
E4-A	Tail Gas Incinerator (4) Sulfur Recovery Unit No. 1	CO	200.0	876.0
		H ₂ S	0.6	2.6
		NO _x	1.5	6.6
		PM/PM ₁₀	1.0	4.4
		SO ₂	300.0	508.0
		VOC	0.3	1.3
E4-B	Tail Gas Incinerator (4) Sulfur Recovery Unit No. 2	CO	200.0	876.0
		H ₂ S	0.6	2.6
		NO _x	1.5	6.6
		PM/PM ₁₀	1.0	4.4
		SO ₂	300.0	508.0
		VOC	0.3	1.3
E5-A	Train No. 1 Sulfur Storage Pit	H ₂ S	1.12	4.91
E5-B	Train No. 2 Sulfur Storage Pit	H ₂ S	1.12	4.91

(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 area name or fugitive source name.

(3) CO - carbon monoxide

H₂S - hydrogen sulfide

NO_x - total oxides of nitrogen

PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - 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.

SO₂ - sulfur dioxide

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

(4) CO and SO₂ are subject to PSD-TX-485M1.

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

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

Dated January 20, 2009

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