

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 35530

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. **(12/09)**

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * (4)	
			lb/hr	TPY**
TRANSFER	Product Transfer	PM	2.86	4.98
		PM ₁₀	1.00	1.66
		H ₂ S	0.42	0.70
		Product Transfer EPN includes up to 9 drop points in sulfur service and up to 14 drop points for all other products.		
STOCKPILE	Stockpile Fugitives	PM	2.00	8.78
		PM ₁₀	1.00	4.39
		H ₂ S	(5)	(5)
SCREENING	Screening Operation 1 and 2	PM	0.88	7.80
		PM ₁₀	0.30	2.60
CRUSHING	Crushing Operation (6)	PM	0.24	0.90
		PM ₁₀	0.11	0.41
ENGINES	Light Plant Engines (7)	NO _x	1.86	3.61
		CO	0.40	0.78
		VOC	0.15	0.29
		SO ₂	0.12	0.23
		PM/PM ₁₀	0.13	0.25

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

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

(3) H₂S - hydrogen sulfide
PM - particulate matter, suspended in the atmosphere, including PM₁₀.

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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.

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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

(5) The H₂S emissions for EPN STOCKPILE are included in EPN TRANSFER.

(6) Emission rates are based on and the facilities are limited to 200 tons per hour and 1,500,000 tons per year of coal or petroleum coke.

(7) The Light Plant Engines (EPN ENGINES) operation are limited to 3,880 hours per year.

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

____ Hrs/day ____ Days/week ____ Weeks/year or 8,760 Hrs/year

1,500 tons/hour

4,864,825 tons/year of combined materials.

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

Dated December 7, 2009