

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 9276 and PSD-TX-499

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
10	Boiler Stack	VOC	1.85	8.10
		NO _x	1141.20	4998.50
		SO ₂	1468.10	6430.50
		PM-dry	0.42	1.84
		PM-H ₂ SO ₄ -mist	21.67	94.91
		CO	2730.00	2500.00
1	Fugitive (4) Coke Unloading	PM	0.04	0.20
3	Fugitive (4) Coke Handling	PM		0.02
4	Fugitive (4) Limestone Unloading	PM		0.06
6	Fugitive (4) Limestone Handling	PM		0.01
7	Fugitive (4) Limestone Slurry Preparation	PM		0.04
8	Fugitive (4) Fly Ash Handling	PM		0.70
9	Fugitive (4) Gypsum Handling	PM		0.40

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FUG-AMM	Fugitive (4)(5) Ammonia	NH ₃	0.02	0.09
TK01-S	Molten Sulfur Storage Tank	H ₂ S	<0.01	<0.01

(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) 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.

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

H₂SO₄ - sulfuric acid

NH₃ - ammonia

H₂S - hydrogen sulfide

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

(5) Ammonia fugitive emissions include fugitive emissions from TK-002, TK-003, and TK-004 which were previously authorized under Permit by Rule Registration Number 46496.

* 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 or Hrs/year 8,760

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			lb/hr	TPY

Dated January 27, 2004