

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2662

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
1	Stockpiles (4)	PM	--	0.54
		PM ₁₀ --	0.27	
2	Transfer Points (4)	PM	0.13	0.50
		PM ₁₀ 0.05	0.16	
3	Crusher (4)	PM	0.03	0.10
		PM ₁₀ 0.01	0.04	
5a	Roller Mill No. 1 Baghouse	PM	0.73	3.19
		PM ₁₀	0.62	2.70
		SO ₂	<0.01	0.02
		NO _x	0.60	2.58
		CO	0.50	2.15
		VOC	0.03	0.13
5b	Roller Mill No. 2 Baghouse	PM	0.73	3.19
		PM ₁₀	0.62	2.70
		SO ₂	<0.01	0.02
		NO _x	0.60	2.58
		CO	0.50	2.15
		VOC	0.03	0.13
7	Finished Product Storage Tanks Baghouse	PM	0.61	1.73
		PM ₁₀	0.10	0.28
11	Truck Loading Baghouse	PM	0.05	0.22
		PM ₁₀	0.05	0.22

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
12	Packing Baghouse	PM	0.64	2.80
		PM ₁₀	0.64	2.80
19	Roller Mill No. 5 Baghouse	PM	1.22	5.34
		PM ₁₀	1.04	4.55
		SO ₂	0.01	0.40
		NO _x	1.18	5.17
		CO	1.00	4.34
		VOC	0.06	0.26
20	Railcar Loading Baghouse	PM	0.21	0.92
		PM ₁₀	0.21	0.92

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

(2) Specific point source name. 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 PM greater than 10 microns is emitted.

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

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

(4) Fugitive emissions are an estimate.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

A maximum hourly barite production of 62 tons.

A maximum annual barite production of 350,000 tons.

Dated September 30, 2005