

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3797

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	Rail Receiving Pit 1	PM PM ₁₀ 0.50	3.40 —	—
2	Rail Receiving Pit 2	PM PM ₁₀ 0.50	3.40 —	—
3	Truck Receiving	PM PM ₁₀ 0.50	3.40 —	—
	Total Receiving Operations	PM PM ₁₀ —	— 0.34	2.32
4	Salt Pneumatic Receiving Bag Filter System	PM PM ₁₀	0.29 0.04	0.02 <0.01
5	Lime Pneumatic Receiving Bag Filter System	PM PM ₁₀	0.29 0.04	0.02 <0.01
6	Phosphate Pneumatic Receiving Bag Filter System	PM PM ₁₀	0.29 0.04	0.02 <0.01
7	Hammer Milling Bag Filter System	PM/PM ₁₀	1.08	1.20
8	400-Hp Boiler	PM/PM ₁₀ VOC 0.10 NO _x 2.35 CO 0.59 SO ₂ 0.01	0.23 0.43 10.30 2.58 0.04	1.01

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
9	Pellet Mill No. 1 Cooler Cyclone	PM	5.25	8.93
		PM ₁₀	2.62	4.46
10	Pellet Mill No. 1 Cooler Cyclone	PM	5.25	8.93
		PM ₁₀	2.62	4.46
11	Truck Loadout	PM	0.40	0.46
		PM ₁₀ 0.10	0.11	

(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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter.

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

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

* Refer to Special Condition No. 5 for throughput limitations and basis of emission rates.

Dated August 24, 2006