

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4650

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	Truck Receiving Pit	PM PM ₁₀ 0.19	1.28 —	—
2	Rail Receiving Pit	PM PM ₁₀ 0.19	1.28 —	—
	Total Receiving Operations	PM PM ₁₀ —	— 0.11	0.77
3	Hammermill No. 1 Baghouse	PM/PM ₁₀	0.10	0.44
4	Hammermill No. 2 Baghouse	PM/PM ₁₀	0.18	0.79
5	Hammermill No. 3 Baghouse	PM/PM ₁₀	0.18	0.79
6	Extruder No. 1 Cyclone	PM/PM ₁₀	0.64	2.82
7	Extruder No. 2 Cyclone	PM/PM ₁₀	0.64	2.82
8	Dryer-Cooler No. 1	PM/PM ₁₀ SO ₂ <0.01 NO _x 1.20 CO 1.01 VOC 0.07	0.09 0.02 2.70 2.27 0.15	0.20
8A	Dryer 1 Fan A	PM/PM ₁₀	1.71	3.86
8B	Dryer 1 Fan B	PM/PM ₁₀	1.54	3.47

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			lb/hr	TPY
9	Dryer-Cooler No. 2	PM/PM ₁₀	0.06	0.15
		SO ₂	<0.01	0.01
		NO _x	0.85	1.91
		CO	0.71	1.61
		VOC	0.05	0.11
9A	Dryer 2 Fan	PM/PM ₁₀	2.66	5.98
10	Bulk Loadout	PM	0.25	<0.01
		PM ₁₀	0.06	<0.01
11	350-HP Boiler	PM/PM ₁₀	0.11	0.50
		SO ₂	<0.01	0.04
		NO _x	1.50	6.57
		CO	1.26	5.52
		VOC	0.08	0.04

(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. Where PM is not listed, it shall be assumed that no particulate matter 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

* Refer to Special Condition No. 3 for throughput limitations and basis of emission rates.

Dated April 13, 2006

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			<u>lb/hr</u>	<u>TPY</u>