

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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 Emission Name (3)	Source Rates* Point No. (1)	Air Contaminant		Name (2)
		lb/hr	TPY	
	Truck Receiving Pit (a)	TSP	13.50	
		PM ₁₀	6.75	
	Rail Receiving Pit (a)	TSP	13.50	
		PM ₁₀	6.75	
	Total Receiving (b)	TSP		8.10
		PM ₁₀		4.05
1	Hammermill B. H. No. 1 (c)	PM ₁₀	0.10	0.23
2	Hammermill B. H. No. 2 (c)	PM ₁₀	0.19	0.41
3	Hammermill B. H. No. 3 (c)	PM ₁₀	0.19	0.41
5	Extruder Cyclone No. 1 (c)	PM ₁₀	0.43	0.97
5A	Extruder Cyclone No. 2 (c)	PM ₁₀	0.43	0.97
6	Dryer-Cooler No. 1 (c)	PM ₁₀	0.17	0.37
		SO ₂	0.01	0.02
		NO _x	1.68	3.78
		CO	0.42	0.95
		VOC	0.07	0.16
7	Dryer-Cooler No. 1, Fan A (c) 3.86		PM ₁₀	1.72
8	Dryer-Cooler No. 1, Fan B (c) 3.48		PM ₁₀	1.55

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Emission Contaminant (1)	Name (2)	Source	Air	
		Emission Rates*	Point No.	
<u>lb/hr</u>	<u>TPY</u>		<u>Name (3)</u>	
6A	Dryer-Cooler No. 2 (c)	PM ₁₀	0.11	0.23
		SO ₂	0.01	0.02
		NO _x	0.85	1.92
		CO	0.18	0.41
		VOC	0.05	0.12
7A	Dryer-Cooler No. 2. Fan A (c) 5.98		PM ₁₀	2.66
	Bulk Loadout (d)	TSP	6.75	0.12
		PM ₁₀	3.38	0.06
	350 H. P. Boiler (e)	PM ₁₀	0.08	0.33
		SO ₂	<0.01	0.04
		NO _x	2.10	9.20
		CO	0.53	2.30
		VOC	0.04	0.18

- (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) TSP - total suspended particulate including PM₁₀
 PM₁₀ - particulate matter less than 10 microns in diameter
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons of feed ingredients.
- (b) Emission rates are based on and the facilities are limited to annual throughput of 90,000 tons of feed ingredients.
- (c) Emission rates are based on and the facilities are limited to an

hourly throughput of 10 tons and an annual throughput of 45,000 tons of finished feed.

(d) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons and an annual throughput of 2,500 tons of finished feed.

(e) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day_____Days/week_____Weeks/year_____or Hrs/year 8,760