

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 Point No. (1)	Source		Air Contaminant		<u>Emission Rates</u>	
	Name (2)	Name (3)	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		4.50
				PM ₁₀		2.25
1		Hammermill B. H. No. 1(c)		PM ₁₀	0.10	0.13
2		Hammermill B. H. No. 2(c)		PM ₁₀	0.10	0.13
3		Sifter B. H.(c)		PM ₁₀	0.02	0.03
4		Extruder Cyclone(c)		PM ₁₀	0.43	0.54
5		Dryer-Cooler(c)		PM ₁₀	0.06	0.08
				SO ₂	<0.01	0.01
				NO _x	1.68	2.10
				CO	0.42	0.53
				VOC	0.03	0.04
6		Dryer-Cooler Fan A(c)		PM ₁₀	1.71	2.14
7		Dryer-Cooler Fan B(c)		PM ₁₀	1.54	1.93
		Bulk Loadout(d)		TSP	6.75	0.11
				PM ₁₀	3.38	0.06
		350 H.P. Boiler(e)		PM ₁₀	0.08	0.09

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SO ₂	<0.01	0.01
NO _x	2.10	2.63
CO	0.53	0.65
VOC	0.04	0.05

- (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 50,000 tons of feed ingredients.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons and an annual throughput of 50,000 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 2,500