

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 52B

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)	<u>Emission Rates</u>	
			lb/hr	TPY
1	Truck Receiving Pit (a)	TSP	0.90	0.54
		PM ₁₀	0.45	0.27
2	Railcar Receiving Pit (b)	TSP	0.90	0.36
		PM ₁₀	0.45	0.18
3	Hammermill Bag Filter System (c)	PM ₁₀	0.26	0.22
4	Pellet Cooler No. 1 Cyclone System (d)	PM ₁₀	3.68	6.90
5	Pellet Cooler No. 2 Cyclone System (e)	PM ₁₀	6.44	11.50
6	Truck Loadout (f)	TSP	2.25	1.35
		PM ₁₀	1.12	0.68
7	125 Hp Boiler (g)	PM ₁₀	0.26	0.05
		VOC	0.01	0.03
		NO _x	0.73	1.40
		CO	0.18	0.35
		SO ₂	<0.01	<0.01

- (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 matter, including PM₁₀
 PM₁₀ - particulate matter less than 10 microns
 VOC - volatile organic compounds as defined in General Rule 101.1

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NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons and an annual throughput of 60,000 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons and an annual throughput of 40,000 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 12 tons and an annual throughput of 20,000 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 8 tons and an annual throughput of 30,000 tons of pellets.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 14 tons and an annual throughput of 50,000 tons of pellets.
- (f) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons and an annual throughput of 60,000 tons of pellets.
- (g) Emission rates are based on and the facilities are limited to an hourly throughput of 5,230 ft³ and an annual throughput of 20,000,000 ft³ of natural gas.

Dated _____