

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29322

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)	lb/hr	<u>Emission Rates*</u> ton/yr
101	Railcar Receiving (a)	TSP	9.00	2.27
		PM ₁₀	4.50	1.14
106	Truck Receiving Pit Bag Filter System (b)	PM ₁₀	0.86	0.15
117	Receiving Turnhead Bag Filter System (c)	PM ₁₀	0.35	0.14
118	Pneumatic Receiving Bag Filter System No. 1 (d)	PM ₁₀	0.05	<0.01
119	Pneumatic Receiving Bag Filter System No. 2 (d)	PM ₁₀	0.05	<0.01
120	Pneumatic Receiving Bag Filter System No. 3 (d)	PM ₁₀	0.05	<0.01
211	Hammermilling Bag Filter System No.1 (e)	PM ₁₀	0.34	0.89
212	Hammermilling Bag Filter System No.2 (e)	PM ₁₀	0.34	0.89
214	Ground Grain Turnhead Bag Filter System (f)	PM ₁₀	0.17	0.44
408	Pellet Cooler Cyclone System (g)	PM ₁₀	7.0	15.60

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Emission Rates* <u>ton/yr</u>	Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission</u> lb/hr	
504		Truck Loadout No. 1 (h)	TSP	3.24	
			PM ₁₀	1.62	
505		Truck Loadout No. 2 (h)	TSP	3.24	
			PM ₁₀	1.62	
		Total Loadout Operations (i)	TSP		2.80
			PM ₁₀		1.40
601		400 Hp Boiler (j)	PM ₁₀	0.18	0.78
			SO ₂	0.01	0.03
			NO _x	1.87	8.17
			CO	0.47	2.05
			VOC	0.08	0.35
602		400 Hp Boiler (j)	PM ₁₀	0.18	0.78
			SO ₂	0.01	0.03
			NO _x	1.87	8.17
			CO	0.47	2.05
			VOC	0.08	0.35

(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

SO₂ - sulfur dioxide

NO_x - nitrogen oxide

CO - carbon monoxide

VOC - volatile organic compounds

(a) Emission rates are based on and the facilities are limited to an hourly throughput of 1,000 tons and an annual throughput of 504,400 tons of grain.

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- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 500 tons and an annual throughput of 88,400 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 500 tons and an annual throughput of 198,640 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons and an annual throughput of 4,160 tons of bulk commodities.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 38 tons and an annual throughput of 195,000 tons of commodities.
- (f) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons and an annual throughput of 390,000 tons of ground grain.
- (g) Emission rates are based on and the facilities are limited to an hourly throughput of 70 tons and an annual throughput of 312,000 tons of ground grain.
- (h) Emission rates are based on and the facilities are limited to an hourly throughput of 360 tons of feed pellets.
- (i) Emission rates are based on and the facilities are limited to an annual throughput of 624,000 tons of feed pellets.
- (j) Emission rates are based on and the facilities are limited to an operating schedule of 24 hrs/day, 7 days/wk, 52 wk/yr.

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Dated_____