

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3797

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	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1	Rail Receiving Pit (a)	TSP (4) PM ₁₀	3.60 1.80	
2	Rail Receiving Pit (a)	TSP (4) PM ₁₀	3.60 1.80	
3	Truck Receiving Pit (a)	TSP (4) PM ₁₀	3.60 1.80	
	Total Receiving Operations (b)	TSP (4) PM ₁₀		2.46 1.23
4	Salt Pneumatic Receiving Bag Filter System (c)	PM ₁₀	0.05	<0.01
5	Lime Pneumatic Receiving Bag Filter System (d)	PM ₁₀	0.05	<0.01
6	Phosphate Pneumatic Receiving Bag Filter System (e)	PM ₁₀	0.05	<0.01
7	Hammer Milling Bag Filter System (f)	PM ₁₀	0.69	0.77
8	Boiler (g)	PM ₁₀ VOC NO _x	0.05 0.05 1.00	0.22 0.23 4.38

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Emission	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
			CO	0.20
			SO ₂	<0.01
9	Pellet Mill No. 1 Cooler Cyclone System (h)		PM ₁₀	3.50
10	Pellet Mill No. 2 Cooler Cyclone System (h)		PM ₁₀	3.50
11	Truck Loadout (i)		TSP (4)	10.80
			PM ₁₀	5.40

- (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
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 200 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an annual throughput of 272,950 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 17 tons and an annual throughput of 2,750 tons of salt.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 17 tons

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and an annual throughput of 2,500 tons of lime.

- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 17 tons and an annual throughput of 1,800 tons of phosphate.
- (f) Emission rates are based on and the facilities are limited to an hourly throughput of 90 tons and an annual throughput of 200,000 tons of grains and commodities.
- (g) Emission rates are based on and the facilities are limited to an operation schedule of 8,760 hours per year.
- (h) Emission rates are based on and the facilities are limited to an hourly throughput of 70 tons and an annual throughput of 238,000 tons of pellets.
- (i) Emission rates are based on and the facilities are limited to an hourly throughput of 120 tons and an annual throughput of 280,000 tons of finished feed commodities.

Dated_____