

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20520

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) <u>ton/yr</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u> lb/hr	
7	Railcar Receiving Pit No.1 (a)	TSP (4) PM ₁₀	1.26 0.63	
8	Railcar Receiving Pit No. 2 (b)	TSP (4) PM ₁₀	0.59 0.30	
13	Truck Receiving Pit (a)	TSP (4) PM ₁₀	1.26 0.63	
	Total Receiving Operations (c)	TSP (4) PM ₁₀		1.80 0.90
10	Flat Storage Building No. 1 (d)	TSP (4) PM ₁₀	2.42 1.26	1.08 0.54
11	Flat Storage Building No. 2 (e)	TSP (4) PM ₁₀	3.13 1.57	0.99 0.50
4	Steam Flaking Chest No. 1 (f)	TSP PM ₁₀	0.04 0.02	0.09 0.05
5	Steam Flaking Chest No. 2 (f)	TSP PM ₁₀	0.04 0.02	0.09 0.05
1	Flaking Cooler No. 1 Cyclones (f)	PM ₁₀	0.60	1.50
2	Flaking Cooler No. 2 Cyclone (f)	PM ₁₀	0.60	1.50

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u> lb/hr	
<u>ton/yr</u>				
6	Bay Bin Loadout (g)	TSP (4)	0.68	
		PM ₁₀	0.34	
15	Truck Loadout No. 1 (h)	TSP (4)	0.14	
		PM ₁₀	0.07	
16	Truck Loadout No. 2 (l)	TSP (4)	0.63	
		PM ₁₀	0.32	
17	Truck Loadout No. 3 (j)	TSP (4)	0.18	
		PM ₁₀	0.09	
	Total Loadout Operations (c)	TSP (4)		0.90
		PM ₁₀		0.45
3	Boiler (k)	PM ₁₀	0.03	0.11
		VOC	0.01	0.06
		NO _x	0.74	3.22
		CO	0.18	0.80
		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
 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.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 70 tons of grain and commodities.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 33 tons of grain and commodities.
- (c) Emission rates are based on and the facilities are limited to an annual throughput of 200,000 tons of grain and commodities.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 140 tons and an annual throughput of 120,000 tons of grain and commodities.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 174 tons and an annual throughput of 110,000 tons of grain and commodities.
- (f) Emission rates are based on and the facilities are limited to an hourly throughput of 6 tons and an annual throughput of 30,000 tons of grain and commodities.
- (g) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons of grain and commodities.
- (h) Emission rates are based on and the facilities are limited to an hourly throughput of 15 tons of grain and commodities.
- (i) Emission rates are based on and the facilities are limited to an hourly throughput of 70 tons of grain and commodities.
- (j) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons of grain and commodities.
- (k) Emission rates are based on and the facilities are limited to an operation schedule of 24 hours per day, 7 days per week, and 52 weeks per year.

Dated_____