

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			#/hr	TPY	
7	Railcar Receiving Pit (a)	TSP (4)	6.10		
		PM ₁₀	3.05		
8	Railcar Receiving Pit (b)	TSP (4)	2.50		
		PM ₁₀	1.25		
13	Truck Receiving Pit (c)	TSP (4)	2.80		
		PM ₁₀	1.40		
	Total Receiving Operations (d)	TSP (4)		3.00	
		PM ₁₀		1.50	
9	Surge Hopper No. 1 (e)	TSP (4)	3.30		3.00
		PM ₁₀	1.65		1.50
10	Flat Storage Bldg. No. 1 (f)	TSP (4)	2.90		0.70
		PM ₁₀	1.45		0.35
11	Flat Storage Bldg. No. 2 (f)	TSP (4)	2.90		0.70
		PM ₁₀	1.45		0.35
14	Surge Hopper No. 2 (g)	TSP (4)	2.50		0.68
		PM ₁₀	1.25		0.34
12	Four-Ton Mixer (h)	TSP (4)	0.90		0.27
		PM ₁₀	0.45		0.13
4	Steam Flaking Chest No. 1 (i)	TSP	0.05		0.08
		PM ₁₀	0.02		0.04

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

5	Steam Flaking Chest No. 2 (i)	TSP	0.05	0.08
		PM ₁₀	0.02	0.04
18	Five-Ton Mixer (j)	TSP (4)	1.10	0.32
		PM ₁₀	0.55	0.16

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			#/hr	TPY
1	Flaking Cooler No. 1 Cyclones (i)	PM ₁₀	2.40	3.60
2	Flaking Cooler No. 2 Cyclone (i)	PM ₁₀	2.40	3.60
6	Bay Bin Loadout (k)	TSP (4)	2.30	
		PM ₁₀	1.15	
15	Truck Loadout No. 1 (l)	TSP (4)	0.40	
		PM ₁₀	0.20	
16	Truck Loadout No. 2 (m)	TSP (4)	0.90	
		PM ₁₀	0.45	
17	Truck Loadout No. 3 (n)	TSP (4)	0.60	
		PM ₁₀	0.30	
	Total Loadout Operations (d)	TSP (4)		1.78
		PM ₁₀		0.89
3	Boiler (o)	PM ₁₀	0.03	0.11
		VOC	0.03	0.12
		NO _x	0.52	2.30
		CO	0.10	0.46
		SO ₂	<0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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
NOx - 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 52 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 hourly throughput of 37 tons of grain and commodities.
 - (d) Emission rates are based on and the facilities are limited to an annual throughput of 115,000 tons of grain and commodities.
 - (e) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons and an annual throughput of 36,000 tons of grains and commodities.
 - (f) Emission rates are based on and the facilities are limited to an hourly throughput of 52 tons and an annual throughput of 42,700 tons of grain and commodities.
 - (g) Emission rates are based on and the facilities are limited to an hourly throughput of 15 tons and an annual throughput of 8,000 tons of grain and commodities.
 - (h) Emission rates are based on and the facilities are limited to an hourly throughput of 26 tons and an annual throughput of 14,835 tons of grain and commodities.
 - (i) Emission rates are based on and the facilities are limited to an hourly throughput of 6 tons and an annual throughput of 18,000 tons of grain and commodities.
 - (j) Emission rates are based on and the facilities are limited to an hourly throughput of 34 tons and an annual throughput of 19,665 tons of grain and commodities.
 - (k) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons of grain and commodities.
 - (l) Emission rates are based on and the facilities are limited to an hourly throughput of 15 tons of grain and commodities.
 - (m) Emission rates are based on and the facilities are limited to an hourly throughput of 29 tons of grain and commodities.
 - (n) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons of grain and commodities.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (o) 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.