

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. C-21343

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>	
Point No. (1)	Name (2)	Name (3)	#/hr	TPY
101	Railcar Receiving Pit (a)	TSP	3.6	4.74
		PM10	1.80	2.38
113	Truck Receiving Pit Bag Filter System(b)	PM10	1.05	0.25
128	Pneumatic Receiving Bag Filter System (c)	PM10	0.21	0.01
127	Receiving Turnhead Bag Filter System (d)	PM10	0.21	0.33
213	Ground Grain Bag Filter System (e)	PM10	0.17	0.45
318	Post Grinding Bag Filter System (f)	PM10	0.60	1.34
319	Post Grinding Bag Filter System (f)	PM10	0.60	1.34
325	Mixed Feed Bag Filter System (g)	PM10	0.22	0.43
405	Pellet Cooler #1 Cyclones (h)	PM10	3.30	9.36
505	Pellet Cooler #2 Cyclones (h)	PM10	3.30	9.36
603	Truck Loadout (i)	TSP	1.08	2.81

		PM10	0.54	1.41
707	500 Hp Boiler (j)	PM10	0.10	0.33
		SO2	0.01	0.04
		NOX	2.93	9.14
		CO	0.73	2.30
		VOC	0.10	0.20

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- (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
- (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 and an annual throughput of 527,748 tons of grain.
 - (b) Emission rates are based on and the facilities are limited to an hourly throughput of 200 tons and an annual throughput of 93,132 tons of grain.
 - (c) Emission rates are based on and the facilities are limited to an hourly throughput of 25 tons and an annual throughput of 3,120 tons of grain.
 - (d) Emission rates are based on and the facilities are limited to an hourly throughput of 200 tons and an annual throughput of 624,000 tons of grain.
 - (e) Emission rates are based on and the facilities are limited to an hourly throughput of 70 tons and an annual throughput of 374,400 tons of grain.
 - (f) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons and an annual throughput of 312,000 tons of grain.
 - (g) Emission rates are based on and the facilities are limited to an hourly throughput of 160 tons and an annual throughput of 624,000 tons of grain.
 - (h) Emission rates are based on and the facilities are limited to an hourly throughput of 55 tons and an annual throughput of 312,000 tons of feed pellets.

- (i) Emission rates are based on and the facilities are limited to an hourly throughput of 120 tons and an annual throughput of 624,000 tons of feed pellets.
- (j) Emission rates are based on and the facilities are limited to an hourly throughput of 20,925 ft³ and an annual throughput of 130,572,000 ft³ of natural gas.