

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23502

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>lbs/hr</u>	<u>TPY</u>
1	Feed Receiving (a)	TSP	13.50	0.81
		PM ₁₀	6.75	0.41
2	Airlift Cyclone (b)	PM ₁₀	0.50	0.42
3	Dry Grain Loadout (b)	TSP	0.90	0.75
		PM ₁₀	0.45	0.37
4	Covered Bay Loading (c)	TSP	12.60	0.14
		PM ₁₀	6.30	0.07
5	Covered Bay Mixing/Handling (d)	TSP	0.17	0.14
		PM ₁₀	0.09	0.07
	Grain Roaster (e)	PM ₁₀	2.30	1.26
		SO ₂	<0.01	<0.01
		NO _x	0.35	0.19
		CO	0.07	0.04
		VOC	0.02	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 in diameter
 SO₂ - sulfur dioxide
 NO_x - nitrogen oxides
 CO - carbon monoxide

VOC - volatile organic compounds

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons and an annual throughput of 9,011 tons of dry grain and feed commodities.

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- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 5.0 tons and an annual throughput of 8,327 tons of dry grain and feed commodities.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 70 tons and an annual throughput of 1,596 tons of dry grain and feed commodities.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 1.0 ton and an annual throughput of 1,596 tons of dry grain and feed commodities.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 8.0 tons of dry grains and an annual throughput of 8,327 tons of dry grains.

Dated _____