

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 24683

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>
	Feed Receiving (a)	TSP	31.50	8.96
		PM ₁₀	15.75	4.48
	Scalper (b)	PM ₁₀	13.65	6.87
	Airlift (b)	PM ₁₀	2.73	1.37
	Hay Transfer Hopper (c)	TSP	0.49	0.72
		PM ₁₀	0.25	0.36
	Feed Truck Loadout (d)	TSP	1.69	0.90
		PM ₁₀	0.84	0.45
	Boiler (150 Hp) (e)	PM ₁₀	0.03	0.05
		SO ₂	<0.01	<0.01
		NO _x	0.63	0.92
		CO	0.13	0.18
		VOC	0.03	0.05
	Boiler (400 Hp) (e)	PM ₁₀	0.08	0.12
		SO ₂	0.01	0.02
		NO _x	2.35	3.43
		CO	0.59	0.86
		VOC	0.05	0.07

- (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

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- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 175 tons and an annual throughput of 99,606 tons of dry grain and dry feed commodities.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 91 tons and an annual throughput of 91,610 tons of dry grain and dry feed commodities.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 2.73 tons and an annual throughput of 7,996 tons of dry grain and dry feed commodities.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 93.7 tons and an annual throughput of 99,606 tons of dry grain and dry feed commodities.
- (e) Emission rates are based on and the facilities are limited to an operating schedule of 2,920 hrs/yr.

Dated _____