

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 182A

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

<u>Emission Rates</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1, 4, and 7	Feed Receiving (a)	TSP	15.01	7.97
		PM ₁₀	7.50	3.98
3, 5, 6, and 8	Feed Mixing and Handling (b)	TSP	2.40	6.15
		PM ₁₀	1.20	3.08
2	Flaked Grain Lift (Cyclones) (c)	PM ₁₀	0.72	1.71
	2-150 Hp Boilers (d)	PM ₁₀	0.15	0.39
		VOC	0.07	0.19
		NO _x	1.26	3.22
		SO ₂	0.01	0.02
		CO	0.27	0.68
	1-300 Hp Boilers (e)	PM ₁₀	0.17	0.44
		VOC	0.07	0.19
		NO _x	1.76	4.51
		SO ₂	0.01	0.02
		CO	0.44	1.13

(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

NO_x - nitrogen oxides

SO₂ - sulfur dioxide

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 225 tons and an annual throughput of 303,680 tons of dry grain, roughage, and supplement.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 225 tons and an annual throughput of 303,680 tons of dry grain, roughage, and supplement.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 16 tons and an annual throughput of 75,920 tons of dry grain.
- (d) Emission rates are based on and the two boilers are limited to an annual operating schedule of 5,110 hours per boiler.
- (e) Emission rates are based on and the one boiler is limited to an annual operating schedule of 5,110 hours per boiler.

Dated _____