

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 25598

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>
1	Feed Receiving (a)	TSP	1.53	0.92
		PM ₁₀	0.77	0.46
2	Scalper (b)	TSP	4.78	8.72
		PM ₁₀	2.39	4.36
3	Flaker (b)	TSP	2.39	4.36
		PM ₁₀	1.19	2.18
4	Airlift Cyclone (b)	PM ₁₀	2.65	4.84
5	Roughage Barn Receiving (c)	TSP	4.50	1.21
		PM ₁₀	2.25	0.61
6	Roughage Handling (d)	TSP	0.67	1.21
		PM ₁₀	0.33	0.61
7	Feed Truck Loadout (e)	TSP	1.42	2.59
		PM ₁₀	0.71	1.30
8	Boiler (f)	PM ₁₀	0.06	0.22
		VOC	0.04	0.13
		NO _x	0.50	1.84
		CO	0.11	0.39
		SO ₂	<0.01	0.01

(1) Emission point identification - either specific equipment designation or emission point number

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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
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 85 tons and an annual throughput of 101,791 tons of dry grain and feed supplements.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 26.54 tons and an annual throughput of 96,886 tons of dry grains.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 25 tons and an annual throughput of 13,490 tons of roughage.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 3.70 tons and an annual throughput of 13,490 tons of roughage.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 31.6 tons and an annual throughput of 115,282 tons of dry grains, feed supplements, and roughage.
- (f) Emission limits are based on and the facility is limited to an operating schedule of 7,300 hours/year.

Dated _____