

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 24183

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
1	Feed Receiving Pit (a)	TSP	9.00	2.10
		PM ₁₀	4.50	1.05
2	Suction Fan Cyclone (a)	TSP	1.50	0.35
		PM ₁₀	0.75	0.17
3	Milo Cleaner Cyclone (b)	TSP	0.24	0.35
		PM ₁₀	0.12	0.17
4	Mixing/Handling (c)	TSP	1.53	2.23
		PM ₁₀	0.77	1.12
5	Commodity Barn Handling (d)	TSP	1.80	2.23
		PM ₁₀	0.90	1.12
6	Rolled Corn Loadout (e)	TSP	0.48	0.26
		PM ₁₀	0.24	0.13
	Vehicular Traffic (f)	TSP		4.44
		PM ₁₀		2.00
	Boiler (g)	PM ₁₀	<0.01	0.01
		SO ₂	<0.01	<0.01
		NO _x	0.17	0.25
		CO	0.03	0.05
		VOC	0.01	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 monoxides
VOC - Volatile organic compounds

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- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons and an annual throughput of 23,331 tons of dry grain.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 8 tons and an annual throughput of 23,331 tons of dry grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 8.5 tons and an annual throughput of 24,740 tons of dry grain and dry feed commodities.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 10 tons and an annual throughput of 24,740 tons of dry grain and dry feed commodities.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 5.3 tons and an annual throughput of 5,830 tons of rolled corn.
- (f) Emission rates from vehicular traffic are based on and the facilities are limited to 4,555 vehicular miles travelled per year.
- (g) Emission limits are based on and the facility is limited to an operating schedule of 2,920 hours/year.

Dated_____