

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4661

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>
801	Truck Receiving Pit (a)	TSP	5.94	11.97
		PM ₁₀	2.97	5.98
819	Grain Cleaner Cyclone (b)	PM ₁₀	0.64	1.29
815A	Pellet Cooler Cyclone (c)	PM ₁₀	2.57	5.14
936	Flaked Grain Cyclone (d)	PM ₁₀	1.50	3.00
940	Flaked Grain Cyclone (e)	PM ₁₀	2.57	5.14
958	Dust Collection Cyclone System (f)	PM ₁₀	1.95	3.90
873	Boiler (f)	PM ₁₀	0.01	0.02
		VOC	0.02	0.02
		NO _x	0.20	0.40
		CO	0.04	0.08
		SO ₂	<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
 VOC - volatile organic compounds as defined in General Rule 101.1

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NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 33 tons and an annual through put of 133,000 tons of grain and feed commodities.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 2.5 tons and an annual through put of 10,000 tons of grain and feed commodities.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 2.0 tons and an annual through put of 8,000 tons of grain and feed commodities.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 2.0 tons and an annual through put of 8,000 tons of grain and feed commodities.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 2.0 tons and an annual through put of 8,000 tons of grain and feed commodities.
- (f) Emission rates are based on and the facilities are limited to an annual operating schedule of 4,000 hours.