

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 25030

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)	No./hr	TPY
1	Feed Receiving (a)	TSP	1.80	0.24
		PM <sub>10</sub>	0.90	0.12
2	Grain Cleaner Cyclone (b)	PM <sub>10</sub>	1.20	1.31
3	Grain Roaster/Roller Mill Cyclone (c)	PM <sub>10</sub>	2.42	2.65
		VOC	0.02	0.03
		NO <sub>x</sub>	0.46	0.50
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.09	0.10
4	Hay Grinder (d)	TSP	3.60	3.93
		PM <sub>10</sub>	1.80	1.97
5	Truck Loadout (e)	TSP	1.08	3.14
		PM <sub>10</sub>	0.54	1.57

(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 PM<sub>10</sub>

PM<sub>10</sub> - particulate matter less than 10 microns in diameter

VOC - volatile organic compounds as defined in General Rule 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

(a) Emission rates are based on and the facilities are limited to an hourly throughput of 100 tons

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and an annual throughput of 26,200 tons of dry grain.

- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 12 tons and an annual throughput of 26,200 tons of dry grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 24 tons, and an annual throughput of 52,400 tons of dry grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons and an annual throughput of 43,680 tons of hay.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 12 tons and an annual throughput of 69,880 tons of dry grains and hay.

Dated \_\_\_\_\_