

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5735

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 Point No. (1) ton/yr	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u> lb/hr	
1	Receiving Pit No. 1 (a)	TSP	0.22	-
		PM <sub>10</sub>	0.11	-
2	Receiving Pit No. 2 (a)	TSP	0.22	-
		PM <sub>10</sub>	0.11	-
3	Receiving Pit No. 3 (a)	TSP	0.22	-
		PM <sub>10</sub>	0.11	-
4	Total Receiving (b)	TSP	-	0.08
		PM <sub>10</sub>	-	0.04
5	Grain Handling Baghouse (c)	PM <sub>10</sub>	1.71	2.83
6	Gravity Table Cyclones (c)	PM <sub>10</sub>	12.00	4.50
7	Dryer (d)	PM <sub>10</sub>	22.60	6.78
		SO <sub>2</sub>	0.01	<0.01
		NO <sub>x</sub>	2.65	0.79
		CO	0.66	0.20
		VOC	0.05	0.02
	Grain Cleaner (e) Handling/Conveying	PM <sub>10</sub>	0.34	0.34
	Grain Cleaner (e) Gravity Table	PM <sub>10</sub>	0.30	0.25
8	Total Loadout (c)	TSP	10.80	4.05
		PM <sub>10</sub>	5.40	2.03

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- (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 including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - Nitrogen oxides  
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 120 tons of grain.
  - (b) Emission rates are based on and the facilities are limited to an annual throughput of 90,000 tons of grain.
  - (c) Emission rates are based on and the facilities are limited to an hourly throughput of 120 tons and an annual throughput of 90,000 tons of grain.
  - (d) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons and an annual throughput of 45,000 tons of grain.
  - (e) Emission rates are based on and the facilities are limited to an hourly throughput of 3 tons and an annual throughput of 5,000 tons of grain.

Dated \_\_\_\_\_