

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 7756

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)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lbs/hr	TPY
21	Grain Unloading II *	PM10	0.15	0.66
22	Grain Dust Collection II *	PM10	0.15	0.66
23	Mal Conveying IIa *	PM10	0.07	0.31
24	Rice Conveying IIa *	PM10	0.03	0.13
25	Malt Cleaner/Surge Bin *	PM10	0.07	0.31
26	Rice Cleaner/Surge Bin *	PM10	0.03	0.13
27	Malt Conveying IIb *	PM10	0.07	0.31
28	Rice Conveying IIb *	PM10	0.03	0.13
29	Milling Dust Collection II *	PM10	0.36	1.57
30	Vacuum Cleaning III *	PM10	0.2	0.87
31	Vacuum Cleaning IV *	PM10	0.2	0.87
35	Diatomaceous Earth Storage No. 1**	PM10	-	-
36	Diatomaceous Earth Storage No. 2**	PM10	-	-
35 and 36	Total Combined Emissions *	PM10	0.34	1.48
41	Drier No. 1 *	PM10	0.6	2.62

42	Drier No. 2 *	PM10	0.6	2.62
45	Cooling Collector No. 1 *	PM10	0.11	0.48
46	Cooling Collector No. 2 *	PM10	0.11	0.48
50	Dried Grain Storage No. 2 *	PM10	0.04	0.17

Permit No. 7756  
Page 2 of 2

AIR

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lbs/hr	TPY
51	Dried Grain Storage No. 3 *	PM10	0.14	0.61
54	Hopper Car Loadout *	PM10	0.24	1.05
55	Truck Loadout *	PM10	0.24	1.05
56	Vacuum Cleaning V *	PM10	0.20	0.87
	Air Pallet and Slurry Mix Tank Bagfilter ***	PM10	0.02	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) PM10 - particulate matter less than 10 microns in diameter

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8736

\*\* Material cannot be loaded into or taken from both bins simultaneously.

\*\*\* Emission rates are based on and the facilities are limited to an hourly throughput of 1.10 tons and an annual throughput of 523 tons of silica.

Revised\_\_\_\_\_