

## 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 *	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>
11	Grain Unloading I (a)*	PM <sub>10</sub>	0.30	1.32
12	Grain Dust Collection I (b)* 0.23	PM <sub>10</sub>	0.37	
13	Grain Transfer I Malt (c)* 0.50	PM <sub>10</sub>	0.12	
14	Rice Conveying I (c)*	PM <sub>10</sub>	0.09	0.38
15	Mill Dust Collection I (d)* 0.27	PM <sub>10</sub>	0.23	
16	Vacuum Cleaning I (e)*	PM <sub>10</sub>	0.02	0.09
17	Vacuum Cleaning II (e)*	PM <sub>10</sub>	0.02	0.09
21	Grain Unloading II (f)	PM <sub>10</sub>	0.15	0.66
22	Grain Dust Collection II (f) 0.66	PM <sub>10</sub>	0.15	
23	Malt Conveying IIa (f)	PM <sub>10</sub>	0.07	0.31
24	Rice Conveying IIa (f)	PM <sub>10</sub>	0.03	0.13
25	Malt Cleaner/Surge Bin (f) 0.31	PM <sub>10</sub>	0.07	
26	Rice Cleaner/Surge Bin (f)	PM <sub>10</sub>	0.03	

0.13

27	Malt Conveying IIb (f)	PM <sub>10</sub>	0.07	0.31
28	Rice Conveying IIb (f)	PM <sub>10</sub>	0.03	0.13
29	Milling Dust Collection II (f) 1.57	PM <sub>10</sub>		0.36
30	Vacuum Cleaning III (f)	PM <sub>10</sub>	0.2	0.87

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
31	Vacuum Cleaning IV (f)	PM <sub>10</sub>	0.2	0.87
35	Diatomaceous Earth Storage No. 1 (g)		PM <sub>10</sub>	
36	Diatomaceous Earth Storage No. 2 (g)		PM <sub>10</sub>	- -
35 and 36	Total Combined Emissions (f) 1.48		PM <sub>10</sub>	0.34
41	Drier No. 1 (f)	PM <sub>10</sub>	0.6	2.62
42	Drier No. 2 (f)	PM <sub>10</sub>	0.6	2.62
45	Cooling Collector No. 1 (f) 0.48		PM <sub>10</sub>	0.11
46	Cooling Collector No. 2 (f) 0.48		PM <sub>10</sub>	0.11
49	Dried Grain Storage I (h)* 0.52		PM <sub>10</sub>	0.30
50	Dried Grain Storage No. 2 (f) 0.17		PM <sub>10</sub>	0.04

51	Dried Grain Storage No. 3 (f) 0.61	PM <sub>10</sub>	0.14
54	Hopper Car Loadout (f)	PM <sub>10</sub>	0.24 1.05
55	Truck Loadout (f)	PM <sub>10</sub>	0.24 1.05
56	Vacuum Cleaning V (f)	PM <sub>10</sub>	0.20 0.87
124AB	Wet Grain Tanks (i)	VOC	0.01 0.07
	Air Pallet and Slurry Mix Tank Bagfilter (j) 0.01	PM <sub>10</sub>	0.02

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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) PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
VOC - volatile organic compounds as defined in General Rule 101.1
- (\*) Denotes grandfathered sources for identification
  - (a) Emission rates are based on and the facilities are limited to an hourly throughput of 11.33 tons and an annual throughput of 99,215 tons of grain.
  - (b) Emission rates are based on and the facilities are limited to an hourly throughput of 40 tons and an annual throughput of 49,607 tons of grain.
  - (c) Emission rates are based on and the facilities are limited to an hourly throughput of 5.67 tons and an annual throughput of 49,607 tons of grain.
  - (d) Emission rates are based on and the facilities are limited to an hourly throughput of 21 tons and an annual throughput of 49,607 tons of grain.
  - (e) Emission rates are based on and the facilities are limited

to an hourly throughput of 0.05 tons and an annual throughput of 438 tons of grain.

- (f) 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 8,736

- (g) Material cannot be loaded into or taken from both bins simultaneously.

- (h) Emission rates are based on and the facilities are limited to an hourly throughput of 14 tons and an annual throughput of 47,931 tons of grain.

- (i) Emission rates are based on and the facilities are limited to an hourly throughput of 1061 barrels and an annual throughput of 9,300,000 barrels of brew.

- (j) 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.