

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3958

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		Air Contaminant		<u>Emission Rates</u>
	Name (2)	Name (3)	lb/hr	TPY	
1	Receiving Pit			PM <sub>10</sub>	10.08
	No. 1 Cyclone (a)				
2	Receiving Pit			TSP	3.02
	No. 1 Fugitives (a)			PM <sub>10</sub>	1.51
3	Receiving Pit			PM <sub>10</sub>	10.08
	No. 2 Cyclone (a)				
4	Receiving Pit			TSP	3.02
	No. 2 Fugitives (a)			PM <sub>10</sub>	1.51
5	Receiving Pit			PM <sub>10</sub>	0.77
	No. 4 Baghouse (a)				
6	Receiving Pit			TSP	3.02
	No. 4 Fugitives (a)			PM <sub>10</sub>	1.51
7	Receiving Pit			PM <sub>10</sub>	0.77
	No. 5 Baghouse (a)				
8	Receiving Pit			TSP	3.02
	No. 5 Fugitives (a)			PM <sub>10</sub>	1.51
9	Receiving Pit No. 6 (b)			TSP	3.78
				PM <sub>10</sub>	1.89
1 Through 9	Total Receiving			TSP	1.76
	Operations (c)			PM <sub>10</sub>	1.55
10	Loadout Spout			TSP	7.56
	No. 1 Fugitives (d)			PM <sub>10</sub>	3.76

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11	Loadout Spout No. 2 Fugitives (d)	TSP PM <sub>10</sub>	7.56 3.76
12	Loadout Spout No. 3 Baghouse (d)	PM <sub>10</sub>	0.77

## AIR CONTAMINANTS DATA

Emission (2)	Source Name (3)	Air Contaminant lb/hr TPY	Emission Rates	Point No. (1)	Name
13	Loadout Spout No. 3 Fugitives (d)	TSP PM <sub>10</sub>	0.76 0.38		
14	Loadout Spout No. 4 Baghouse (d)	PM <sub>10</sub>	0.77		
15	Loadout Spout No. 4 Fugitives (d)	TSP PM <sub>10</sub>	0.76 0.38		
10 Through 15	Total Loadout Operations (c)	TSP PM <sub>10</sub>			2.02 1.01
16	Grain Dryer No. 1 Stack (e)	PM <sub>10</sub> SO <sub>2</sub> NO <sub>x</sub> CO VOC	21.003 <0.001 0.052 0.010 0.003		
17	Grain Dryer No. 2 Stack (e)	PM <sub>10</sub> SO <sub>2</sub> NO <sub>x</sub> CO VOC	21.003 <0.001 0.052 0.010 0.003		
16 Through 17	Total Grain Dryer Emissions (f)	PM <sub>10</sub> SO <sub>2</sub> NO <sub>x</sub> CO			0.106 <0.001 <0.001 <0.001

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VOC

<0.001

- (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 suspend particulate matter (including PM10)  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in General Rule 101.1
- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 168 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 210 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an annual throughput of 45,000 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 84 tons of grain.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 70 tons of grain.
- (f) Emission rates are based on and the facilities are limited to an annual throughput of 700 tons of grain.

Dated \_\_\_\_\_