

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3139

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		
	Truck Receiving No. 1 (a)		TSP	13.50		
			PM10	6.75		
	Truck Receiving No. 2 (a)		TSP	13.50		
			PM10	6.75		
	Rail Receiving (b)		TSP	8.10		
			PM10	4.05		
	Total Receiving (c) Operations		TSP		4.79	
			PM10		2.40	
	Grain Dryer (d)		TSP	11.27	0.53	
			PM10	5.65	0.26	
			VOC	0.02	<0.01	
			NOx	0.30	0.01	
			CO	0.06	<0.01	
			SO2	<0.01	<0.01	
	Grain Cleaner (d)		TSP	11.25	0.53	
			PM10	5.63	0.26	
	Roller Mill (e)		TSP	5.10	2.25	
			PM10	2.55	1.13	
	Truck Loadout (a)		TSP	6.75		
			PM10	3.37		
	Rail Loadout (a)		TSP	6.75		
			PM10	3.37		

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Surge Bin Loadout (b) (truck and rail)	TSP	8.10
	PM10	4.05
Total Loadout (c) Operations	TSP	2.40
	PM10	1.20

- (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 PM10
PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 90 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an annual throughput of 53,250 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 37.5 tons and an annual throughput of 3,500 tons of grain.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 34 tons and an annual throughput of 30,000 tons of grain.

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