

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 Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
	Truck Receiving No. 1 (a)	TSP	1.35	
		PM ₁₀	0.68	
	Truck Receiving No. 2 (a)	TSP	1.35	
		PM ₁₀	0.68	
	Rail Receiving (b)	TSP	1.62	
		PM ₁₀	0.81	
	Total Receiving (c) Operations	TSP		1.49
		PM ₁₀		0.74
	Grain Dryer (d)	TSP	11.27	0.53
		PM ₁₀	5.65	0.26
		VOC	0.02	<0.01
		NO _x	0.30	0.01
		CO	0.06	<0.01
		SO ₂	<0.01	<0.01
	Grain Cleaner (d)	TSP	11.25	0.53
		PM ₁₀	5.63	0.26
	Roller Mill (e)	TSP	5.10	2.25
		PM ₁₀	2.55	1.13
	Scalper (f)	TSP	0.23	0.74
		PM ₁₀	0.11	0.37
	Steam Flaking (g) Roller Mill	TSP	0.72	
		PM ₁₀	0.36	
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		PM ₁₀	0.36	

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Roller Mill	PM ₁₀	0.36

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Roller Mill	PM ₁₀	0.36

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
	Total Flaking (c)	TSP		4.95
	Milling Operations	PM ₁₀		2.48
	Cooler (h)	TSP	3.0	
		PM ₁₀	1.5	
	Cooler (h)	TSP	3.0	
		PM ₁₀	1.5	
	Total Cooler (c)	TSP		9.90
	Operations	PM ₁₀		4.95
	Boiler (i)	PM ₁₀	0.06	0.09
		VOC	0.04	0.05
		NO _x	1.76	2.57
		CO	0.44	0.64
		SO ₂	0.01	0.01
	Truck Loadout (a)	TSP	3.38	
		PM ₁₀	1.69	
	Rail Loadout (a)	TSP	3.38	
		PM ₁₀	1.69	
	Surge Bin Loadout (b)	TSP	4.05	
	Truck and Rail)	PM ₁₀	2.03	
	Total Loadout (c)	TSP		0.74
	Operations	PM ₁₀		0.37

(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
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
 - (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 165,000 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.
 - (f) Emission rates are based on and the facilities are limited to an hourly throughput of 25 tons and an annual throughput of 165,000 tons of grain.
 - (g) Emission rates are based on and the facilities are limited to an hourly throughput of 12 tons of grain.
 - (h) Emission rates are based on and the facilities are limited to an hourly throughput of 25 tons of grain.
 - (i) Emission rates are based on and the facilities are limited to an operating schedule of 8 hours/day, 7 days/week, and 52 weeks/year, or 2,912 hours/year.

Dated_____

