

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4672

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.

Emission Point No. (1)	Source Name (2)	AIR CONTAMINANTS DATA			
		Air Contaminant Name (3)	<u>Emission Rates</u>		
			#/hr	TPY	
1, 2, 3	Railcar Receiving (a) (Pit #1, #2, & #3)	TSP	1.77	0.42	
		PM10	0.90	0.21	
4	Receiving Pit "A" Enclosure Cyclone (c)	PM10	6.00	3.00	
5	Receiving Pit "B" Fugitives (b)	TSP	0.75	0.07	
		PM10	0.37	0.03	
6	Receiving Pit "B" Suction Cyclone (b)	PM10	2.42	0.23	
7	Pneumatic Receiving Cyclone (b)	PM10	2.50	0.23	
8	Pneumatic Receiving Salt filter sock (d)	PM10	0.34	0.01	
9	Pellet Cooler #1 Cyclones (e)	PM10	1.20	1.95	
10	Pellet Cooler #2 Cyclones (e)	PM10	1.20	1.95	
11	Grinder Cyclone (f)	PM10	1.25	0.69	
12	Chopper Cyclone (f)	PM10	1.25	0.69	
13	Grain Cleaner Cyclones (g)	PM10	0.30	0.30	
14	Grain Aspirator Cyclones (g)	PM10	0.30	0.30	
15	Product Bagging Cyclones (h)	PM10	1.80	0.97	

16	150 Hp Boiler (i)	PM10	0.02	0.08
		SO2	0.002	0.009
		NOx	0.57	2.10
		CO	0.14	0.53
		VOC	0.02	0.07

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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) TSP - total suspended particulate matter, including PM10
PM10 - particulate matter less than 10 microns
SO2 - sulfur dioxide
NOx - oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds
 - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
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- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 100 tons and an annual throughput of 45,500 tons of commodities.
 - (b) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons and an annual throughput of 9,100 tons of commodities.
 - (c) Emission rates are based on and the facilities are limited to an hourly throughput of 100 tons and an annual throughput of 132,600 tons of commodities.
 - (d) Emission rates are based on and the facilities are limited to an hourly throughput of 25 tons and an annual throughput of 1,000 tons of commodities.
 - (e) Emission rates are based on and the facilities are limited to an hourly throughput of 12 tons and an annual throughput of 39,000 tons of commodities.
 - (f) Emission rates are based on and the facilities are limited to an hourly throughput of 13 tons and an annual throughput of 13,750 tons of commodities.
 - (g) Emission rates are based on and the facilities are limited to an hourly throughput of 10 tons and an annual throughput of 20,000 tons of commodities.
 - (h) Emission rates are based on and the facilities are limited to an hourly throughput of 60 tons and an annual throughput of 65,000 tons of product.
 - (i) Emission rates are based on and the facilities are limited to an operating schedule of 24 hrs/day, 7 days/wk, 52 wk/yr.

Dated _____