

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23137

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		Emission Rates	
	Name (2)	Name (3)	lb/hr	TPY		
	Receiving Pit (a)		TSP	1.62	0.72	
			PM <sub>10</sub>	0.81	0.36	
	Roaster (b)		PM <sub>10</sub>	3.02	10.88	
			SO <sub>2</sub>	0.01	0.03	
			NO <sub>x</sub>	0.44	1.60	
			CO	0.09	0.32	
			VOC	0.02	0.09	
	Flat Storage Building Handling (c)		TSP	4.50	3.24	
			PM <sub>10</sub>	2.25	1.62	
	Flat Storage Building Loadout Area (d)		TSP	4.50		
			PM <sub>10</sub>	2.25		
	Storage Bin Loadout Area (e)		TSP	8.10		
			PM <sub>10</sub>	4.05		
	Loadout Operations (f)		TSP		3.60	
			PM <sub>10</sub>		1.80	

- (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 including PM<sub>10</sub>  
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

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- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 90 tons and an annual throughput of 80,000 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 10 tons and an annual throughput of 72,000 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons and an annual throughput of 72,000 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons of grain.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 90 tons of grain.
- (f) Emission rates are based on and the facilities are limited to an annual throughput of 80,000 tons of grain.

Dated \_\_\_\_\_