

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1913

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
	Receiving Pit No. 1	TSP	7.06	
		PM ₁₀	3.53	
	Receiving Pit No. 2	TSP	7.06	
		PM ₁₀	3.53	
	Commodity Warehouse	TSP	22.50	
	Receiving/Handling	PM ₁₀	11.25	
	Receiving Operations	TSP		1.70
		PM ₁₀		0.86
	Roaster No. 1 Cyclone	PM ₁₀	1.06	1.69
		SO ₂	<0.01	0.01
		NO _x	0.50	1.56
		CO	0.11	0.34
		VOC	0.03	0.09
	Roaster No. 2 Cyclone	PM ₁₀	1.06	1.69
		SO ₂	<0.01	0.01
		NO _x	0.50	1.56
		CO	0.11	0.34
		VOC	0.03	0.09
	Roaster Cooler Cyclone	PM ₁₀	2.00	3.00
	Pellet Cooler Cyclone	PM ₁₀	0.90	5.50
	Mineral Tank Bin Vent Filter	PM ₁₀	0.12	<0.01

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
	Loadout No. 1	TSP	0.72	
		PM ₁₀	0.36	
	Loadout No. 2	TSP	0.72	
		PM ₁₀	0.36	
	Loadout No. 3	TSP	1.35	
		PM ₁₀	0.68	
	Loadout No. 4	TSP	1.26	
		PM ₁₀	0.63	
	Loadout Operations	TSP		4.95
		PM ₁₀		2.48
	Boiler	PM ₁₀	0.05	0.16
		SO ₂	<0.01	0.01
		NO _x	0.42	1.31
		CO	0.09	0.28
		VOC	0.02	0.06

- (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 in diameter
 SO₂ - sulfur dioxide
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 VOC - volatile organic compounds as defined in General Rule 101.1

* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

Dated_____