

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 28237

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)	Emission Rates *	
			lb/hr	TPY**
2	Screen House 2 &3	PM10	0.01	0.02
3a, 3b, 4, & 14	Railcar/Truck Loadout	PM10	0.01	0.02
5 & 15	Alternate Truck Loadout/ Conveyor Transfer	PM10	<0.01	0.01
6	New Finished Product Silo Loadout	PM10	0.04	0.15
7	Ball Mill	PM10	0.01	0.03
8	Ball Mill Truck Loadout	PM10	0.33	0.12
9	Ball Mill Rail loadout	PM10	0.33	1.21
10 a & 10b	Valve and Jumbo bagger	PM10	<0.002	0.01
11				
12	Storage Silos (4 @ 750 tons)	PM10	0.003	0.01
13	Overscale Loadout Stack	PM10	0.01	0.02
16	Ball Mill Silos	PM10	0.02	0.12
17	Ball Mill Raw Storage	PM10	<0.001	<0.002
18	Loadout Silo(200 Ton)	PM10	0.25	0.93
19	Loadout Silo(200 Ton)	PM10	0.25	0.93

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY**
20	Loadout Silo(70 Ton)	PM10	0.05	0.19
21	Loadout Silo(70 Ton)	PM10	0.05	0.19
22	Truck Loadout from Railcar	PM		
23	Silo (4 & 70 Tons)	PM10	0.05	0.19
24	Silo (4 @ 140 Tons)	PM10	0.25	0.93
25	Silo (2 @ 70 Ton)	PM10	<0.004	0.01
26	New Oversize Screen House	PM10	<0.05	0.002
27	New waste Loadout Silo	PM10	0.006	0.022
28	Baghouse Storage Silo (70 Ton)	PM10	<0.002	0.01
Fug 1	Sand Stockpile	PM10	0.17	0.65

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

IOC-U - inorganic compounds (unspeciated)

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall

be assumed that no particulate matter greater than 10 microns is emitted.

CO - carbon monoxide

HCl - hydrogen chloride

HF - hydrogen fluoride

HBr - hydrogen bromide

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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>

HI - hydrogen iodide
NaOH - sodium hydroxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

____Hrs/day __Days/week __Weeks/year or _ Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.