

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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**
A	Ball Mill Baghouse	PM	<0.01	0.04
B	Ball Mill Load Out Baghouse	PM ₁₀	<0.01	0.04
C	Ball Mill Product Silo Baghouse	PM ₁₀	0.04	0.15
D	Ball Mill Raw Material Silo Baghouse	PM ₁₀	0.04	0.15
E	Bagging House Baghouse	PM ₁₀	0.14	0.34
F	Alternate Loadout Baghouse	PM ₁₀	0.02	0.05
G	Screen House Baghouse	PM ₁₀	0.20	0.75
H	Dryer Scrubber	PM	0.26	2.23
		PM ₁₀	0.11	0.35
		NO _x	9.14	20.40
		CO	4.50	16.64
		SO ₂	17.95	1.63
		SO ₃	1.91	0.16
		VOC	0.37	1.09
I1	Overscale Truck Loadout Baghouse No. 1	PM ₁₀	0.01	0.04
I2	Overscale Truck Loadout Baghouse No. 2	PM ₁₀	0.01	0.04

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
J	Rail and Truck Loadout Baghouse	PM ₁₀	0.24	0.88
K	Four 750-Ton Silo Baghouse	PM ₁₀	0.05	0.20
1	Screen House 1 FUG (4)	PM PM ₁₀ 0.03	0.07 0.11	0.26
6	70-Ton Product Silo	PM PM ₁₀ 0.04	0.21 0.16	0.77
18	200-Ton Overhead Silo (5 and 6)	PM PM ₁₀ 0.06	0.29 0.23	1.09
19	200-Ton Overhead Silo (5 and 6)	PM PM ₁₀ 0.06	0.29 0.23	1.09
20	70-Ton Overhead Silo (5 and 6)	PM PM ₁₀ 0.01	0.08 0.05	0.29
21	70-Ton Overhead Silo (5 and 6)	PM PM ₁₀ 0.01	0.08 0.05	0.29
22	Railcar Unloading (7) Conveyor	PM PM ₁₀	0.08 0.02	0.14 0.03
24a-d	Four 140-Ton Silos (8)	PM PM ₁₀ 0.15	0.70 0.56	2.60
23a-d	Four 70-Ton Silos (8)	PM PM ₁₀ 0.03	0.19 0.11	0.69
27	New 75-Ton Overhead Silo	PM PM ₁₀ 0.01	0.03 0.02	0.11

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
FUG1	Stockpile Fugitives (4)	PM	---	2.73
		PM ₁₀ ---	1.36	

- (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) 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 PM greater than 10 microns is emitted.
- NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
SO₃ - sulfur trioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Maximum combined fill rate of 50 tons per hour (tph) for EPNs 18, 19, 20, and 21.
- (6) Maximum combined discharge rate of 100 tph for EPNs 18, 19, 20, and 21.
- (7) Maximum throughput of 25 tph and 3,744 hours per year (hr/yr).
- (8) Maximum combined fill and discharge rate of 60 tph.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 7,488 Hrs/year

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

Maximum Hourly Dryer Throughput: 180 tons

Maximum Annual Dryer and Plant Throughput: 1,347,800 tons

Scalper screen throughput limited to 180 tph and 7,488 hr/yr.

Dated May 12, 2005