

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 43192

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**
BH-1	Exfoliator Furnace Baghouse	PM	0.26	1.13
		PM ₁₀	0.15	0.65
		NO _x	0.80	3.50
		CO	0.70	2.95
		SO ₂	0.005	0.02
		VOC	<0.05	0.20
BF-1	Cement Silo Baghouse	PM	0.07	0.61
		PM ₁₀	0.05	0.60
BF-2	Limestone Silo Baghouse	PM	0.07	0.61
		PM ₁₀	0.05	0.60
BF-3	Gypsum Silo Baghouse	PM	0.07	0.65
		PM ₁₀	0.05	0.61
F-1	Raw Material Building (4)	PM	0.012	0.08
		PM ₁₀	0.006	0.04
F-2	Manufacturing Building (4)	PM	0.022	0.10
		PM ₁₀	0.007	0.03
F-3	GritWaste Bin Fugitives (4)	PM	0.001	0.004
		PM ₁₀	<0.0001	0.0002
F-4	Baghouse Waste Bin (4)	PM	<0.001	0.0004
		PM ₁₀	<0.0001	0.0002
F-5	Outdoor Bagging Fugitives (4)	PM	<0.0001	0.0004
		PM ₁₀	<0.0001	0.0002

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- (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
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
- (4) Fugitive emissions are an estimate only.

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

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

Exfoliator Furnace Throughput shall not exceed one ton per hour and 8,760 tons per year (tpy) for each of the two furnaces.

Finished Product output at Process Point No. 42 shall not exceed 8.0 tons per hour and 66,812 tpy.

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

Dated _____