

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7163

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>				
1	Grey Cement Silo Baghouse Stack	PM ₁₀	0.09	0.17
2	White Cement Silo Baghouse Stack	PM ₁₀	0.09	0.17
3	Fly Ash Silo Baghouse Stack	PM ₁₀	0.09	0.17
4	Screen Drop Point (4)	PM	0.01	<0.01
		PM ₁₀	0.01	<0.01
5	Screen (4)	PM	0.18	0.07
		PM ₁₀	0.08	0.03
6	Trolley Drop (4)	PM	0.01	<0.01
		PM ₁₀	0.01	<0.01
7, 8, 9, 10, 11	Raw Material Drop Points	PM	0.06	0.02
		PM ₁₀	0.02	0.01
99	Diesel Tank	VOC	0.01	0.04
F1	Manufacturing Building	SO ₂	0.01	0.04
	Fugitives (4)	NO _x	1.66	7.3
		CO	1.4	6.2
		VOC	0.1	0.4
		PM	0.14	0.57

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AIR CONTAMINANTS DATA

Emission * Point No. (1) lb/hr	Source Name (2)	Air Contaminant Name (3)	Emission Rates Name (3)	
TPY **				
		PM ₁₀	0.13	0.56
F2	Bin Building Fugitives (4)	PM	0.01	0.01
		PM ₁₀	0.01	0.01
F5	Stockpiles (4)	PM		1.2
		PM ₁₀		0.6

- (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) 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.
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
- (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 and production and throughput rates:

20 Hrs/day 6 Days/week 52 Weeks/year or 6,240 Hrs/year

Block Manufacturing: 15.5 tons/hour 58,525 tons/year

Dated March 16, 2006