

## 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, sources, and related activities. 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 (5) *	
			lbs/hour	TPY **
1	Grey Cement Silo Baghouse Stack	PM <sub>10</sub>	0.09	0.17
2	White Cement Silo Baghouse Stack	PM <sub>10</sub>	0.09	0.17
3	Fly Ash Silo Baghouse Stack	PM <sub>10</sub>	0.09	0.17
4	Screen Drop Point (4)	PM	0.01	< 0.01
		PM <sub>10</sub>	0.01	< 0.01
5	Screen (4)	PM <sub>10</sub>	0.18	0.17
		PM <sub>10</sub>	0.08	0.08
6	Trolley Drop (4)	PM	0.01	< 0.01
		PM <sub>10</sub>	0.01	< 0.01
7, 8, 9, 10 and 11	Raw Material Drop Points (4)	PM	0.06	0.06
		PM <sub>10</sub>	0.02	0.02
99	Diesel Tank	VOC	0.01	0.04
F1	Manufacturing Building Fugitives (4)	SO <sub>2</sub>	0.01	0.04
		NO <sub>x</sub>	1.66	7.30
		CO	1.40	6.20
		VOC	0.10	0.40
		PM	0.14	0.57
		PM <sub>10</sub>	0.13	0.56
F2	Bin Building Fugitives (6)	PM	0.01	0.01
		PM <sub>10</sub>	0.01	0.01
F5	Stockpiles (4)	PM	--	1.20
		PM <sub>10</sub>	--	0.60

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- (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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

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

Block manufacturing: 30 tons per hour and 187,000 tons per year

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

Date: February 7, 2013