

# Emission Sources – Maximum Allowable Emission Rates

Permit Number 6436

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 (9)	
			lbs/hour	TPY (4)
CS	Four Storage Cement Silos' Cartridge Filter Stack	PM	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
CS-3	Cement Silo Baghouse Stack (6)	PM	0.13	0.01
		PM <sub>10</sub>	0.13	0.06
Fug-1	Material Handling (5) (7)	PM	3.19	2.91
		PM <sub>10</sub>	1.50	1.36
Fug - BM	Material Handling from Brick Manufacturing Plants 1 and 2 (5) (6) (8)	PM	2.35	4.61
		PM <sub>10</sub>	0.85	1.68
Stk1	Stockpile No. 1 (5)	PM	----	1.29
		PM <sub>10</sub>	----	0.65
Stk2	Stockpile No. 2 (5)	PM	----	0.27
		PM <sub>10</sub>	----	0.13

- (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 - 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  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Plant 2 [including Cement Silo No. 3 (EPN CS-3)] is authorized by Permit by Rule '106.203, Registration No. 42911.
- (7) Emission point includes rock crushing operation, sand, and aggregate unloading from truck and storage pile, sand and aggregate loading, and cement unloading to silos.
- (8) Emission point includes sand and aggregate hopper; drops 1 through 3; weigh hopper loading and mixer loading in Plant 1 and Plant 2 manufacturing buildings.
- (9) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: March 25, 2013