

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 43750

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	
			lbs/hour	TPY (4)
Concrete Batch Plant No. 1 (Located Southeast)				
1-3	Material Handling (5)	PM	0.04	0.01
		PM <sub>10</sub>	0.02	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
4	Cement Weigh Hopper Stack	PM	0.01	< 0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
LDG1	Mixer Loading Fugitives (5)	PM	0.05	0.01
		PM <sub>10</sub>	0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
5	Cement Silo Baghouse Stack	PM	0.01	< 0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
6	Cement Supplement Baghouse Stack	PM	0.01	< 0.01
		PM <sub>10</sub>	0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
STK1	Stockpiles (5,7)	PM	-.--	0.02
		PM <sub>10</sub>	-.--	0.01
		PM <sub>2.5</sub>	-.--	< 0.01

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<b>Concrete Batch Plant No. 2 (Located Northwest)</b>				
1 - 4	Material Handling (5)	PM	0.02	0.02
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
5	Central Dust Collector Stack (6)	PM	0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
LDG2	Mixer Loading Fugitives (5)	PM	0.16	0.20
		PM <sub>10</sub>	0.04	0.06
		PM <sub>2.5</sub>	0.01	0.01
STK2	Stockpiles (5,7)	PM	-.--	0.02
		PM <sub>10</sub>	-.--	0.01
		PM <sub>2.5</sub>	-.--	< 0.01

- (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) Includes emission from the following devices: the cement weigh hopper, a cement silo and a cement supplement silo.
- (7) Total site stockpile area is limited to 0.3 acres.

Date November 28, 2011  
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