

Emission Sources - Maximum Allowable Emission Rates

Permit Number 96017

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)
Concrete Batch Plant #1				
1	Central Baghouse Stack (6)	PM	0.16	0.59
		PM ₁₀	0.07	0.27
		PM _{2.5}	0.06	0.22
PLT1LD	Truck Loading Fugitives (5)	PM	0.63	2.36
		PM ₁₀	0.17	0.65
		PM _{2.5}	0.03	0.11
1A, 1B, 1C & 1D	Material Handling (5)	PM	0.32	1.19
		PM ₁₀	0.15	0.57
		PM _{2.5}	0.02	0.09
Concrete Batch Plant #2				
2C	Central Baghouse Stack (7)	PM	0.06	0.24
		PM ₁₀	0.02	0.07
		PM _{2.5}	< 0.01	0.01
PLT2LD	Truck Loading Fugitives (5)	PM	0.63	2.36
		PM ₁₀	0.17	0.65
		PM _{2.5}	0.03	0.11
2B	Cement Silo Stack	PM	< 0.01	0.01
		PM ₁₀	< 0.01	0.01
		PM _{2.5}	< 0.01	0.01

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2A	Flyash Silo Stack	PM	0.02	0.09
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03
2D, 2E, 2F, 2G & 2H	Material Handling (5)	PM	0.40	1.49
		PM ₁₀	0.19	0.71
		PM _{2.5}	0.03	0.11
Concrete Batch Plant #3				
3	Central Baghouse Stack (8)	PM	0.09	0.34
		PM ₁₀	0.04	0.14
		PM _{2.5}	0.03	0.10
PLT3LD	Truck Loading Fugitives (5)	PM	0.47	1.77
		PM ₁₀	0.13	0.49
		PM _{2.5}	0.02	0.08
3A, 3B, 3C, 3D & 3E	Material Handling (5)	PM	0.30	1.11
		PM ₁₀	0.14	0.53
		PM _{2.5}	0.02	0.08
Stockpiles and Other Site Operations				
MATH	Rail Receiving (5)	PM	0.21	0.28
		PM ₁₀	0.10	0.13
		PM _{2.5}	0.02	0.02
AGGYDLD	Truck Loading (5)	PM	0.28	0.21
		PM ₁₀	0.13	0.10
		PM _{2.5}	0.02	0.02
AGGBINLD	Aggregate Bin (5)	PM	0.01	0.03
		PM ₁₀	< 0.01	0.01

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		PM _{2.5}	< 0.01	< 0.01
STK	Site Stockpiles (5)	PM	-.--	0.17
		PM ₁₀	-.--	0.08
		PM _{2.5}	-.--	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 PM₁₀ and PM_{2.5}, as represented
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5} - 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) Contains emissions from the truck loading suction shroud, two cement silos, one fly ash silo and the cement/ supplement weigh hopper.
- (7) Contains emissions from the truck loading suction shroud and the cement/supplement weigh hopper.
- (8) Contains emissions from the mixer loading suction shroud, one cement silo, one fly ash silo and the cement/supplement weigh hopper.
- (9) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date August 31, 2012

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