

Emission Sources - Maximum Allowable Emission Rates

Permit Number 41828

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 (8)	
			lbs/hour	TPY (4)
Plant 1				
1	Cement Silo Baghouse Stack	PM	0.05	0.02
		PM ₁₀	0.05	0.02
2	Fly Ash Silo Baghouse Stack	PM	0.04	0.02
		PM ₁₀	0.04	0.02
BLDGFUG1	Building Fugitives (Weigh Hoppers and Mixing Operation) (5)(6)	PM	0.24	0.60
		PM ₁₀	0.24	0.60
MHFUG1	Material Handling (5)	PM	0.21	0.54
		PM ₁₀	0.10	0.26
Plant 2				
MHFUG2	Material Handling (5)(7)	PM	0.06	0.06
		PM ₁₀	0.03	0.03
		PM _{2.5}	<0.01	<0.01
8	Mixer Loading Fugitives (5)	PM	0.10	0.10
		PM ₁₀	0.03	0.03
		PM _{2.5}	0.03	0.03
9	Mixer Baghouse Stack	PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
10	Split Silo Baghouse Stack (Cement)	PM	0.05	0.01
		PM ₁₀	0.05	0.01
		PM _{2.5}	0.05	0.01

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11	Split Silo Baghouse Stack (Fly Ash)	PM	0.05	0.01
		PM ₁₀	0.05	0.01
		PM _{2.5}	0.05	0.01
Site-Wide				
SPFUG	Stockpiles (5)	PM	-	0.10
		PM ₁₀	-	0.05

- (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) Includes both south (dry cast) and north (wet cast) concrete mix systems.
- (7) MHFUG2 includes emissions from EPNs 3-7.
- (8) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: October 19, 2015