

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 93690L001

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. 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	
			lb/hr	TPY
UNIT 3				
U3-1	Hopper to Radial Stacker- Sand (4)	PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
U3-2	Hopper to Radial Stacker- Aggregate (4)	PM ₁₀	0.01	0.03
		PM _{2.5}	<0.01	<0.01
U3-3	Front-End Loader to Hopper - Sand (4)	PM ₁₀	<0.01	0.04
		PM _{2.5}	<0.01	0.01
U3-4	Front-End Loader to Hopper- Aggregate (4)	PM ₁₀	0.05	0.22
		PM _{2.5}	0.01	0.03
U3-5	Conveyor to Bin Sand (4)	PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
U3-6	Conveyor to Bin Aggregate (4)	PM ₁₀	0.03	0.12
		PM _{2.5}	0.01	0.03
U3-7	Bin to Weigh Batcher Sand (4)	PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
U3-8	Bin to Weigh Batcher Aggregate (4)	PM ₁₀	0.03	0.12
		PM _{2.5}	0.01	0.03
U3-9	Weigh Batcher to Hopper Sand (4)	PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
U3-10	Weigh Batcher to	PM ₁₀	0.03	0.12

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U3-11	Hopper Aggregate (4)	PM _{2.5}	0.01	0.03
	Transfer of Fly Ash to Storage Silo No. 1	PM ₁₀	0.05	0.22
		PM _{2.5}	0.01	0.03
U3-12	Transfer of Cement to Storage Silo No. 2	PM ₁₀	0.05	0.22
		PM _{2.5}	0.01	0.03
U3-13	Transfer of Cement to Storage Silo No. 3	PM ₁₀	0.05	0.22
		PM _{2.5}	0.01	0.03
U3-14 A-C	Transfer of Cement Fly Ash, Sand, and Aggregate to Mixer (5)	PM ₁₀	0.62	2.71
		PM _{2.5}	0.09	0.41
U3-15	Stockpiles (4)	PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01

UNIT 4

U4-1	Hopper to Radial Stacker- Sand (4)	PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
U4-2	Hopper to Radial Stacker- Aggregate (4)	PM ₁₀	0.01	0.03
		PM _{2.5}	<0.01	<0.01
U4-3	Front-End Loader to Hopper - Sand (4)	PM ₁₀	<0.01	0.04
		PM _{2.5}	<0.01	0.01
U4-4	Front-End Loader to Hopper- Aggregate (4)	PM ₁₀	0.05	0.22
		PM _{2.5}	0.01	0.03
U4-5	Conveyor to Bin Sand (4)	PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
U4-6	Conveyor to Bin Aggregate (4)	PM ₁₀	0.03	0.12
		PM _{2.5}	0.01	0.03
U4-7	Bin to Weigh Batcher Sand (4)	PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
U4-8	Bin to Weigh Batcher Aggregate (4)	PM ₁₀	0.03	0.12
		PM _{2.5}	0.01	0.03

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U4-9	Weigh Batcher to Hopper Sand (4)	PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
U4-10	Weigh Batcher to Hopper Aggregate (4)	PM ₁₀	0.03	0.12
		PM _{2.5}	0.01	0.03
U4-11	Transfer of Fly Ash to Storage Silo No. 4	PM ₁₀	0.05	0.22
		PM _{2.5}	0.01	0.03
U4-12	Transfer of Cement to Storage Silo No. 5	PM ₁₀	0.05	0.22
		PM _{2.5}	0.01	0.03
U4-13	Transfer of Cement to Storage Silo No. 6	PM ₁₀	0.05	0.22
		PM _{2.5}	0.01	0.03
U4-14 A-C	Transfer of Cement Fly Ash, Sand, and Aggregate to Mixer (5)	PM ₁₀	0.62	2.71
		PM _{2.5}	0.09	0.41
U4-15	Stockpiles (4)	PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions from the central mix and from the weigh hopper are vented to the central baghouse.