

Emission Sources - Maximum Allowable Emission Rates

Permit Number 120901

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 (6)	
			lbs/hour	TPY (4)
C-1	Bulk Cement Cartridge Filter (Pressure – 8 Bulk Cement Silos and 1 Dust Salvage Cement Silo)	PM	0.03	0.12
		PM ₁₀	0.01	0.06
		PM _{2.5}	<0.01	0.01
C-2	Bulk Cement Cartridge Filter (Vacuum – From Silos to Weigh Batcher)	PM	<0.01	0.03
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	<0.01
S-1	Bulk Sand Baghouse Stack (5 MMLb Sand Silo)	PM	0.05	0.23
		PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
S-2	Bulk Sand Baghouse Stack (1.2 MMLb Sand Silo)	PM	0.05	0.23
		PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
S-3	Bulk Sand Baghouse Stack (1.2 MMLb Sand Silo)	PM	0.05	0.23
		PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
S-4	Bulk Sand Baghouse Stack (Pneumatic Sand Silo)	PM	0.01	0.06
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
S-5	Bulk Sand Baghouse Stack (Pneumatic Sand Silo)	PM	0.01	0.06
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01

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S-6	Railcar Sand Drop Point (Feeds into 5 MMLb Sand Silo)(5)	PM	0.06	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
S-7	Railcar Sand Drop Point (Feeds into 1.2 MMLb Sand Silos)(5)	PM	0.06	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
GRP-SRAIL	Railcar Sand Drop Points – Annual Limit (5)	PM	---	0.01
		PM ₁₀	---	<0.01
		PM _{2.5}	---	<0.01
S-8	Bucket Elevator Loading (From Belt to Bucket Elevator that feeds into 5 MMLb Sand Silo)(5)	PM	<0.01	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
S-9	Bucket Elevator Loading (From Belt to Bucket Elevator that feeds into 1.2 MMLb Sand Silos)(5)	PM	<0.01	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
GRP-SELEV	Bucket Elevator Loading – Annual Limit (5)	PM	---	<0.01
		PM ₁₀	---	<0.01
		PM _{2.5}	---	<0.01
S-10	Silo Loading (5 MMLb Sand Silo)(5)	PM	<0.01	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
S-11	Silo Loading (1.2 MMLb Sand Silos)(5)	PM	<0.01	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
GRP-SSILO	Silo Loading – Annual Limit (5)	PM	---	<0.01
		PM ₁₀	---	<0.01
		PM _{2.5}	---	<0.01
S-12	Sand Outbound Truck Drop Point - (5 MMLb Sand	PM	0.06	---

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		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
S-13	Sand Outbound Truck Drop Point - (1.2 MMlb Sand Silo)(5)	PM	0.06	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
S-14	Sand Outbound Truck Drop Point - (1.2 MMlb Sand Silo)(5)	PM	0.06	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
S-15	Sand Outbound Truck Drop Point - (Pneumatic Sand Silo)(5)	PM	0.06	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
S-16	Sand Outbound Truck Drop Point - (Pneumatic Sand Silo)(5)	PM	0.06	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
GRP-SLOAD	Sand Outbound Truck Drop Points – Annual Limit (5)	PM	---	0.01
		PM ₁₀	---	<0.01
		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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: November 3, 2015