Emission Sources - Maximum Allowable Emission Rates

Permit Number 166736

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 (5)	
			lbs/hour	TPY (4)
BHA	Central Baghouse Stack – Plant A	PM	0.03	0.16
		PM_{10}	<0.01	0.04
		$PM_{2.5}$	<0.01	<0.01
SA1	Plant A Cement Silo 1	PM	0.04	-
		PM_{10}	0.02	-
		$PM_{2.5}$	<0.01	-
SA2	Plant A Cement Silo 2	PM	0.04	-
		PM_{10}	0.02	-
		$PM_{2.5}$	<0.01	-
SA1 and SA2	Plant A Cement Silos Annual Cap	PM	-	0.09
		PM_{10}	-	0.06
		$PM_{2.5}$	-	0.01
SA3	Plant A Flyash Silo 1	PM	0.16	-
		PM_{10}	0.06	-
		$PM_{2.5}$	0.01	-
SA4	Plant A Flyash Silo 2	PM	0.16	-
		PM_{10}	0.06	-
		$PM_{2.5}$	0.01	-
SA3 and SA4	Plant A Flyash Silos Annual Cap	PM	-	0.06
		PM_{10}	-	0.02
		$PM_{2.5}$	-	<0.01
TKA	Truck Drop Point – Plant A	PM	0.49	2.35
		PM_{10}	0.14	0.65
		$PM_{2.5}$	0.02	0.10

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MH-CBPA	Material Handling Fugitives – Plant A	PM	0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
BHB	Central Baghouse Stack – Plant B	PM	0.06	0.42
		PM_{10}	0.02	0.12
		$PM_{2.5}$	<0.01	0.02
SB1	Plant B Cement Silo 1	PM	0.04	-
		PM_{10}	0.02	-
		$PM_{2.5}$	<0.01	-
SB2	Plant B Cement Silo 2	PM	0.04	-
		PM_{10}	0.02	-
		$PM_{2.5}$	<0.01	-
SB1 and SB2	Plant B Cement Silos Annual Cap	PM	-	0.24
		PM_{10}	-	0.16
		$PM_{2.5}$	-	0.03
SB3	Plant B Flyash Silo 1	PM	0.16	-
		PM_{10}	0.06	-
		$PM_{2.5}$	0.01	-
SB4	Plant B Flyash Silo 2	PM	0.16	-
		PM_{10}	0.06	-
		$PM_{2.5}$	0.01	-
SB3 and SB4	Plant B Flyash Silos Annual Cap	PM	-	0.15
		PM_{10}	-	0.05
		$PM_{2.5}$	-	<0.01
CMB	Central Mix Drum Drop – Plant B	PM	0.15	1.08
		PM_{10}	0.04	0.30
		$PM_{2.5}$	<0.01	0.04
MH-CBPB	Material Handling Fugitives – Plant B	PM	0.02	0.06
		PM_{10}	<0.01	0.02

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		$PM_{2.5}$	<0.01	<0.01
CR1	Jaw Crusher	PM	0.15	1.08
		PM_{10}	0.04	0.30
		$PM_{2.5}$	<0.01	0.04
SC1	Primary Screen	PM	0.02	0.06
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	<0.01
CR2	Secondary Crusher	PM	0.06	0.23
		PM_{10}	0.03	0.11
		$PM_{2.5}$	<0.01	0.02
MH-RCR	Material Handling Fugitives – Recycle Crusher	PM	0.83	2.97
		PM_{10}	0.28	0.10
		$PM_{2.5}$	0.02	0.07
SP	Stockpiles	PM	0.09	0.32
		PM_{10}	0.04	0.15
		$PM_{2.5}$	<0.01	0.03

(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_{10} and $PM_{2.5}$, as represented
PM_{10} - 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.

Date: January 28, 2022