

Emission Sources - Maximum Allowable Emission Rates

Permit Number 18744

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)
4	No. 1 Coal Receiving Hopper (5)	PM	2.97	5.06
		PM ₁₀	1.49	2.53
		PM _{2.5}	1.49	2.53
2AF	No. 1 Primary Crusher and Transfer from No. 1 Primary Crusher to Conveyor 1 (5)	PM	1.34	2.29
		PM ₁₀	0.66	1.13
		PM _{2.5}	0.66	1.13
BB-LG-HH2F	No. 2 Coal Receiving Hopper (5)	PM	2.43	5.06
		PM ₁₀	1.22	2.53
		PM _{2.5}	1.22	2.53
BB-LG-HC2F	No. 2 Feeder/Primary Crusher (5)	PM	0.90	1.88
		PM ₁₀	0.45	0.94
		PM _{2.5}	0.45	0.94
BB-LG-HB1F	Hopper Belt Transfer to Conveyor 1A (5)	PM	0.20	0.41
		PM ₁₀	0.09	0.19
		PM _{2.5}	0.09	0.19
BB-LG-TB1F	Conveyor 1A Transfer to Conveyor 2B or 1XA (5)	PM	0.20	0.41
		PM ₁₀	0.09	0.19
		PM _{2.5}	0.09	0.19
BB-LG-TB2F	Conveyor 1XA Transfer to Conveyor 2 (5)	PM	0.20	0.41
		PM ₁₀	0.09	0.19
		PM _{2.5}	0.09	0.19
BB-LG-CB1F	Conveyor 1A (5)	PM	0.03	0.11
		PM ₁₀	0.01	0.06

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		PM _{2.5}	0.01	0.06
BB-LG-CB2F	Conveyor 1XA (5)	PM	0.03	0.13
		PM ₁₀	0.02	0.07
		PM _{2.5}	0.02	0.07
CSP1F	Coal Storage Pile No. 1 (5) (7)	PM	0.71	3.11
		PM ₁₀	0.14	0.59
		PM _{2.5}	0.01	0.06
CSP2F	Coal Storage Pile No. 2 (5) (7)	PM	1.52	6.65
		PM ₁₀	0.29	1.26
		PM _{2.5}	0.03	0.13

- (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.
- (7) Emissions quantified include emissions from all typical operations of an open storage pile (e.g., loading, unloading, shaping, compacting, and upkeep).

Date: November 16, 2016