

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56387

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**
LHS1221	Transfer from Railcar to Unit 1 and 2 Receiving Hopper (4)	PM	0.35	0.34
		PM ₁₀	0.23	0.23
LHS1211	Transfer from Unit 1 and 2 Unloading Hopper to Conveyor 1 (4)	PM	0.001	0.002
		PM ₁₀	0.001	0.001
L12TSC	Transfer from Unit 1 and 2 Conveyor 1 to Telescopic Chute to Surge Pile (4)	PM	0.14	0.15
		PM ₁₀	0.10	0.10
L12SSPW	Unit 1 and 2 Live Storage Stackout Pile	PM	0.02	0.10
L12SSPM	Wind Erosion, Maintenance, Loading, and Unloading (4)		PM ₁₀	0.02
LHS1293A	Transfer from Unit 1 and 2 Surge Pile Underground Reclaim to Conveyor 2 (4)	PM	0.012	0.03
		PM ₁₀	0.02	0.008
L12SRW	Conveyor 3 East or West Pile (4)	PM	0.03	0.11
		PM ₁₀	0.03	0.11
LHS1292A	Unit 1 and 2 Stacker Reclaimer / Conveyor 5 onto Storage Pile (4)	PM	2.70	7.57
		PM ₁₀	1.80	5.05
LHS1292B	Unit 1 and 2 Stacker Reclaimer / Bucket onto Conveyor 5 (4)	PM	1.80	7.57
		PM ₁₀	1.20	5.05
LHS1292C	Unit 1 and 2 Stacker Reclaimer / Conveyor 5 onto Conveyor F3 (4)	PM	0.54	2.27
		PM ₁₀	0.36	1.52
LHS1292D	Unit 1 and 2 Stacker Reclaimer / Conveyor F3 onto Conveyor 3 (4)	PM	0.54	2.27
		PM ₁₀	0.36	1.52

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			<u>lb/hr</u>	<u>TPY**</u>
LHS1292E	Unit 1 and 2 Stacker Reclaimer / Conveyor 4 onto Conveyor 5 (4)	PM	0.81	2.27
		PM ₁₀	0.54	1.52
LHS1292F	Unit 1 and 2 Stacker Reclaimer / Conveyor 3 onto Conveyor 4 (4)	PM	0.81	2.27
		PM ₁₀	0.54	1.52
LHS1241	Unit 1 and 2 Transfer / Crusher Tower 1 (4)	PM	0.66	0.66
		PM ₁₀	0.23	0.47
LHS1251	Unit 1 and 2 Transfer Tower 2 (4)	PM	0.03	0.07
		PM ₁₀	0.02	0.04
LHS1261	Unit 1 North Tripper House and Boiler Feed Bins (4)	PM	0.04	0.16
		PM ₁₀	0.02	0.10
LHS1271	Unit 1 South Tripper House and Boiler Feed Bins (4)	PM	0.04	0.16
		PM ₁₀	0.02	0.10
LHS1281	Unit 2 North Tripper House and Boiler Feed Bins (4)	PM	0.04	0.16
		PM ₁₀	0.02	0.10
LHS1291	Unit 2 South Tripper House and Boiler Feed Bins (4)	PM	0.04	0.16
		PM ₁₀	0.02	0.10
L12DSPW	Unit 1 and 2 Dead Storage Pile A	PM	1.72	7.53
L12DSPM	Wind Erosion / Maintenance / Loading / Unloading (4)	PM ₁₀	1.72	7.53
LHS1231W	Unit 1 and 2 Storage Pile	PM	0.15	0.64
LHS1231M	Wind Erosion / Maintenance / Loading / Unloading (4)	PM ₁₀	0.15	0.64
WC DSPW	Unit 1 and 2 Dead Storage Pile B	PM	0.85	3.71

WCDSM	Wind Erosion / Maintenance /	PM ₁₀	0.85	3.71
	Loading / Unloading (4)			

Permit Number 56387
Page 3

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- (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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- (4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period. Maximum annual throughput is limited to 10,091,250 tons of lignite processed.

Date April 18, 2005