

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56447

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
6	Transfer Tower 1XA / Transfer from Conveyor 1 onto Conveyor 1X or Conveyor 2 (4)	PM PM ₁₀	0.07 0.03	0.15 0.07
8	Transfer Tower 1A / Transfer from Conveyor 1X onto Conveyor 2B (4)	PM PM ₁₀	0.07 0.03	0.15 0.07
LC2WF	Conveyor 2 (4)	PM PM ₁₀	0.03 0.15	0.15
LRBC3	Stacker Reclaimer / Bucket onto Conveyor 3 (4)	PM PM ₁₀	2.00 1.00	8.76 4.38
18	Stacker Reclaimer / Conveyor 3 onto East or West Pile (4)	PM PM ₁₀	4.40 2.20	9.67 4.84
LC2B	Stacker Reclaimer / Conveyor 2 into Surge Bin (4)	PM PM ₁₀	1.32 0.66	2.90 1.45
LBF2	Stacker Reclaimer / Surge Bin onto Conveyor F2 (4)	PM PM ₁₀	0.60 0.30	2.63 1.31
LF2C2	Stacker Reclaimer / Conveyor F2 onto Conveyor 2 (4)	PM PM ₁₀	0.60 0.30	2.63 1.31
LC3F2	Stacker Reclaimer / Conveyor 3 onto Conveyor F2 (4)	PM PM ₁₀	0.60 0.30	2.63 1.31
LBC3	Stacker Reclaimer / Surge Bin onto Conveyor 3 (4)	PM PM ₁₀	1.32 0.66	2.90 1.45

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			<u>lb/hr</u>	<u>TPY**</u>
20WF	Storage Piles / East and West Piles Wind Erosion, Maintenance, Loading, and Unloading (4)	PM	0.17	0.71
20MF		PM ₁₀	0.17	0.71
LDSPWF	Dead Storage Pile Wind Erosion, Maintenance, Loading, and Unloading (4)	PM	0.20	0.89
LDSPMF		PM ₁₀	0.20	0.89
LEST	Emergency Stackout Tube onto Emergency Stackout Pile (4)	PM	0.22	0.48
		PM ₁₀	0.11	0.24
LESPWF	Emergency Stackout Pile Wind Erosion, Maintenance, Loading, and Unloading (4)	PM	0.01	0.05
LESPMF		PM ₁₀	0.01	0.05
13	Transfer from Underground Emergency Reclaim Hopper to Conveyor 4 (4)	PM	0.002	0.01
		PM ₁₀	0.002	0.01
23	Transfer Tower 1 (4)	PM	0.003	0.01
		PM ₁₀	0.01 0.02	
25	Secondary Crusher Tower (4)	PM	0.18	0.44
		PM ₁₀	0.18 0.44	
27	Transfer Tower 2 (4)	PM	0.02	0.04
		PM ₁₀	0.02 0.04	
28A	Unit 2 North Tripper House (4)	PM	0.02	0.10
		PM ₁₀	0.02 0.10	
28B	Unit 2 South Tripper House (4)	PM	0.02	0.10
		PM ₁₀	0.02 0.10	
28C	Unit 1 North Tripper House (4)	PM	0.02	0.10
		PM ₁₀	0.02 0.10	

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28D	Unit 1 North Tripper House (4)	PM PM ₁₀ 0.02	0.02 0.10	0.10
SBH1-1	Vent 1 for South Fly Ash Storage Silo Baghouse 1 (4)	PM PM ₁₀	0.49 0.49	2.15 2.15
SBH1-2	Vent 2 for South Fly Ash Storage Silo Baghouse 1 (4)	PM PM ₁₀	0.49 0.49	2.15 2.15
SBH1-3	Vent 3 for South Fly Ash Storage Silo Baghouse 1 (4)	PM PM ₁₀	0.49 0.49	2.15 2.15
SBH1-UF	South Fly Ash Storage Silo Baghouse 1 (4)	PM PM ₁₀	0.25 0.25	1.10 1.10
SBH2-1	Vent 1 for South Fly Ash Storage Silo Baghouse 2 (4)	PM PM ₁₀	0.49 0.49	2.15 2.15
SBH2-2	Vent 2 for South Fly Ash Storage Silo Baghouse 2 (4)	PM PM ₁₀	0.49 0.49	2.15 2.15
SBH2-3	Vent 3 for South Fly Ash Storage Silo Baghouse 2 (4)	PM PM ₁₀	0.49 0.49	2.15 2.15
SBH2-UF	South Fly Ash Storage Silo Baghouse 2 (4)	PM PM ₁₀	0.25 0.25	1.10 1.10
FASS-FUG	Fugitives from Wet Fly Ash Unloading at South Fly Ash Storage Silo (4)	PM PM ₁₀	0.05 0.02	0.11 0.05

(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 equal to or less than 10 microns in diameter. Where PM is not listed,

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it shall be assumed that no particulate matter 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 9,671,040 tons of lignite processed.

Date March 24, 2005