

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

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20F	Storage Piles/East and West Piles (all activities) (4)	PM	0.74	3.24
		PM ₁₀	0.14	0.61
LDSPF	Dead Storage Pile (all activities) (4)	PM	1.04	4.55
		PM ₁₀	0.20	0.88
LEST	Stackout Tube onto Stackout Pile (4)	PM	0.22	0.48
		PM ₁₀	0.11	0.24
LESPF	Stackout Pile (all activities) (4)	PM	0.17	0.74
		PM ₁₀	0.03	0.13
13	Transfer from Underground 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
28D	Unit 1 South Tripper House (4)	PM	0.02	0.10
		PM ₁₀	0.02	0.10
SBH1-1	Vent 1 for South Fly Ash Storage Silo Baghouse 1 (4)	PM	0.49	2.15
		PM ₁₀	0.49	2.15

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

- (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 and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- (4) Fugitive emissions are an estimate only.

Dated February 8, 2010