

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3687 and PSD-TX-9

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
Unit 1	Unit 1	NO _x	4431.	19408.
		CO	292.	1279.
		VOC	26.	114.
		SO ₂	7596.	33271.
		PM	300.	483.
		PM ₁₀	300.	483.
Ash 1	Ash Silo Baghouse	PM	0.00021	0.001
		PM ₁₀	0.00021	0.001

FUGITIVE DUST EMISSIONS

Coal 07	Car Dumper to Unload Hopper	PM	0.35	0.075
		PM ₁₀	0.11	0.023
Coal 08	Unload Hopper to Conveyor A	PM	0.11	0.23
		PM ₁₀	0.033	0.0069
Coal 09	Conveyor A to Conveyor B	PM	0.11	0.023
		PM ₁₀	0.033	0.0069
Coal 1	Conveyor A to Conveyor B1	PM	0.11	0.023
		PM ₁₀	0.033	0.0069
Coal 10	Conveyor A to Conveyor D1	PM	0.11	0.023
		PM ₁₀	0.033	0.0069
Coal 11	Conveyor B to Existing Coal Pile	PM	0.11	0.023
		PM ₁₀	0.033	0.0069

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Coal 2	Conveyor B1 to New Coal Pile	PM	0.11	0.023
		PM ₁₀	0.033	0.0069
Coal 12	Existing Coal Pile to Reclaim Hopper	PM	0.053	0.023
		PM ₁₀	0.016	0.0069

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
Coal 3	New Coal Pile to Reclaim Hopper	PM	0.042	0.023
		PM ₁₀	0.013	0.0069
Coal 13	Existing Reclaim Hopper to Conveyor C	PM	0.053	0.023
		PM ₁₀	0.016	0.0069
Coal 14	Conveyor C to Conveyor B	PM	0.053	0.023
		PM ₁₀	0.016	0.0069
Coal 15	Conveyor C to Conveyor D1	PM	0.053	0.023
		PM ₁₀	0.016	0.0069
Coal 4	New Reclaim Hopper to Conveyor C1	PM	0.042	0.023
		PM ₁₀	0.013	0.0069
Coal 5	Conveyor C1 to Conveyor C2	PM	0.042	0.023
		PM ₁₀	0.013	0.0069
Coal 16	Conveyor C2 to Conveyor B1	PM	0.042	0.023
		PM ₁₀	0.013	0.0069
Coal 17	Conveyor C2 to Conveyor D1	PM	0.042	0.023
		PM ₁₀	0.013	0.0069
Coal 18	Conveyor D1 to Conveyor E1	PM	0.053	0.023
		PM ₁₀	0.016	0.0069
Coal 19	Conveyor E1 to	PM	0.053	0.023

	Unit 1 Bunker	PM ₁₀	0.016	0.0069
Coal 20	Wind Erosion from Existing Coal Pile	PM	0.05	0.20
		PM ₁₀	0.015	0.06
Coal 6	Wind Erosion from New Coal Pile	PM	0.05	0.20
		PM ₁₀	0.015	0.06
Ash 2	Ash Silo Truck Loadout	PM	0.00045	0.002
		PM ₁₀	0.00015	0.00066

(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 - particulate matter

PM₁₀ - particulate matter less than 10 microns in diameter

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated_____

