

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3010

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
FPP-1	Steam Generator, Unit No. 1 114.9	VOC		26.3
		NO _x	4200.0	18396.0
		SO ₂	7200.0	31536.0
		PM ₁₀	600.0	2628.0
		CO	375.0	1642.5
		H ₂ SO ₄	83.8	367.0
		Be	<0.002	<0.008
		Pb	0.065	0.285
FPP-2	Steam Generator, Unit No. 2 114.9	VOC		26.3
		NO _x	4200.0	18396.0
		SO ₂	7200.0	31536.0
		PM ₁₀	600.0	2628.0
		CO	375.0	1642.5
		H ₂ SO ₄	83.8	367.0
		Be	<0.002	<0.008
		Pb	0.065	0.285
COAL-1	Railcar Unloading (4)	PM	0.40	0.58
		PM ₁₀	0.20	0.30
COAL-2	Coal-2 Baghouse Vent	PM ₁₀	1.60	2.32
COAL-3	Coal-3 Baghouse Vent	PM ₁₀	1.60	1.52
COAL-4	Unit 1 and 2 Coal Pile (4)	PM	40.00	38.10
		PM ₁₀	20.00	14.05
COAL-5	Reclaim 1 and 2 (4)	PM	0.80	1.00

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
		PM ₁₀	0.82	0.51
COAL-6	Coal-6 Baghouse Vent	PM ₁₀	1.60	2.00

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
COAL-7 and 8	Coal-7 Baghouse Vent and Coal-8 Baghouse Vent Combined	PM ₁₀	3.20	2.00
PILES 1 and 2	Piles 1 and 2 (4)	PM	8.70	38.00
		PM ₁₀	4.40	19.40
FLYASH-1	Fly Ash Silo-1	PM ₁₀	0.24	0.66
FLYASH-2	Fly Ash Silo-2	PM ₁₀	0.24	0.66
FLYASH-3	Fly Ash Storage Bin for Unit 1 0.66	PM ₁₀		0.24
FLYASH-4	Fly Ash Storage Bin for Unit 2 0.66	PM ₁₀		0.24

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 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, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 CO - carbon monoxide
 H₂SO₄ - sulfuric acid
 Be - beryllium
 Pb - lead
- (4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by the

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

following maximum operating schedule:

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

Dated_____