

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	600.0	2628.0
		PM ₁₀	306.0	1340.0
		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	600.0	2628.0
		PM ₁₀	306.0	1340.0
		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 Fugitives 0.58	PM		0.40
		PM ₁₀	0.20	0.30
COAL-2	Coal-2 Baghouse Vent	PM	1.60	2.32
		PM ₁₀	0.82	1.18
COAL-3	Coal-3 Baghouse Vent	PM	1.60	1.00
		PM ₁₀	0.82	0.51

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
COAL-4	Unit 1 and 2 Coal Pile	PM	5.71	25.00
		PM ₁₀	2.91	12.75
COAL-5	Reclaim 1 and 2	PM	0.80	1.00
		PM ₁₀	0.82	0.51
COAL-6	Coal-6 Baghouse Vent	PM	1.60	2.00
		PM ₁₀	1.22	1.02
COAL-7 and 8	Coal-7 Baghouse Vent and Coal-8 Baghouse Vent	PM	3.20	2.00
		PM ₁₀	1.22	1.02
PILES 1 and 2	Piles 1 and 2	PM	8.70	38.00
		PM ₁₀	4.40	19.40
FLYASH-1	Flyash Silo-1	PM ₁₀	0.24	0.66
FLYASH-2	Flyash Silo-2	PM ₁₀	0.24	0.66
FLYASH-3	Flyash Storage Bin for Unit 1 0.66	PM ₁₀		0.24
FLYASH-4	Flyash 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
- PM₁₀ - particulate matter with a diameter less than 10 microns
- CO - carbon monoxide

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

Be - beryllium

Pb - lead

H₂SO₄ - sulfuric acid

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

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

Dated_____