

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

C-18162

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 will require a modification of this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			#/hr	TPY
N3-CFB-1	256 MW FBC	H2SO4	16.67	34.5
		NOx (4)	1666.2	7298
		SO2 (5)	1666.2	7298
		PM (6)	83.3	365
		CO	490	2146
		Hg	0.34	1.506
		VOC	7.5	32.9
		HF	0.673	2.95
		Pb	0.0106	0.047
		Be	0.00000132	0.0000057
N3-CFB-2	Fly Ash Silo	PM	0.214	0.215
N3-CFB-3	Fly Ash System	PM	0.333	0.648
N3-CFB-4	Bottom Ash Silo	PM	0.214	0.215
N3-CFB-5	Bottom Ash System	PM	0.333	0.648
N3-CFB-6	Limestone Day Bins	PM	0.386	0.564
N3-CFB-7	Limestone Storage Bins	PM	0.386	0.564
N3-CFB-8	Tripper Deck	PM	0.084	0.089
N3-CFB-9	Crusher Building	PM	0.084	0.089

- (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) NOx - total oxides of nitrogen  
 SO2 - sulfur dioxide  
 PM - particulate matter  
 CO - carbon monoxide  
 H2SO4 - sulfuric acid  
 Hg - mercury  
 VOC - volatile organic compounds as defined in General Rule 101.1  
 HF - hydrogen fluoride  
 Pb - lead  
 Be - beryllium

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(4) NOx: 1666.2 lb/hr and/or 0.6 lb/MMBtu bituminous coal  
1388.5 lb/hr and/or 0.5 lb/MMBtu sub-bituminous coal  
30-day rolling average

(5) SO<sub>2</sub>: A. 1.2 lb/MMBtu 3-hour rolling average and 3332.4 lb/hr 3-hour rolling average.

B. 0.6 lb/MMBtu and 10 percent of the potential SO<sub>2</sub> emission rate (90 percent) or 30 percent of the potential SO<sub>2</sub> emission rate (70 percent reduction) when the actual emissions of SO<sub>2</sub> are equal to or less than 0.4 lb/MMBtu heat input (see Special Provision No. 15).

C. SO<sub>2</sub> allowable in lb/hr is based on a 30-day rolling average for EPN N3-CFB-1.

(6) PM: 0.03 lb/MMBtu heat input. Emission rate is for front half of sampling train only.

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

Hrs/day\_\_\_\_\_Days/week\_\_\_\_\_Weeks/year\_\_\_\_\_or Hrs/year 8760