

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 49147

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.

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	AIR CONTAMINANTS DATA Emission Rates *	
			lb/hr	TPY
16F10	Scrubber Vent (Main Stack) (5) Dryers 1A, 1B, 1C, 2A, 2B, 2C, 3A, 3B, 3C	PM	42.84	187.67
		VOC	157.50	693.00
		NOx	39.90	175.00
		SO2	259.70	1137.50
		CO	1607.20	7035.00
16DS1AV	Lignite Dryer 1A Secondary Separator Vent	PM	29.80	5.43
16DS1AF	Lignite Dryer 1A Fugitives (4)	PM	0.05	0.23
16DS1BV	Lignite Dryer 1B Secondary Separator Vent	PM	29.80	5.43
16DS1BF	Lignite Dryer 1B Fugitives (4)	PM	0.05	0.23
16DS1CV	Lignite Dryer 1C Secondary Separator Vent	PM	29.80	5.43
16DS1CF	Lignite Dryer 1C Fugitives (4)	PM	0.05	0.23
16DS2AV	Lignite Dryer 2A Secondary Separator Vent	PM	29.80	5.43
16DS2AF	Lignite Dryer 2A Fugitives (4)	PM	0.05	0.23
16DS2BV	Lignite Dryer 2B Secondary Separator Vent	PM	29.80	5.43

16DS2BF	Lignite Dryer 2B Fugitives (4)	PM	0.05	0.23
16DS2CV	Lignite Dryer 2C Secondary Separator Vent	PM	29.80	5.43
16DS2CF	Lignite Dryer 2C Fugitives (4)	PM	0.05	0.23
16DS3AV	Lignite Dryer 3A Secondary Separator Vent	PM	29.80	5.43
16DS3AF	Lignite Dryer 3A Fugitives (4)	PM	0.05	0.23
16DS3BV	Lignite Dryer 3B Secondary Separator Vent	PM	29.80	5.43
16DS3BF	Lignite Dryer 3B Fugitives (4)	PM	0.05	0.23
16DS3CV	Lignite Dryer 3C Secondary Separator Vent	PM	29.80	5.43
16DS3CF	Lignite Dryer 3C Fugitives (4)	PM	0.05	0.23

- (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, suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 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.  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) Emissions rates represent a maximum of seven dryers operating simultaneously.

Each dryer shall be modified in accordance with Special Condition Numbers 4 and 6.

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

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

Lignite Drying Rate (Maximum of 7 dryers operating simultaneously):

Tons/hour 350 Tons/year 3,066,000

Dated \_\_\_\_\_