

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1166

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
EPN-1	Boiler - Babcock & Willcox 557,735 kW capacity	NO <sub>x</sub>	3609.2	15808.3
		VOC	18.4	80.6
		CO	153.7	673.2
		SO <sub>2</sub>	6187.2	27100
		PM	96.0	420.1
EPN-7	Baghouse	PM	96.0	420.1

- (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  
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 and should not be considered as a maximum allowable emission rate.
- (5) A precipitator will be used to control PM from the Boiler and will obtain at least a 99.6 percent control efficiency.

\* 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

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Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
EPN-1	Boiler			NOx	3611	15814.2
				VOC	18.4	80.9
				CO	154	675
				SO2	6192	27121
				PM	515.5	2258
EPN-7	Baghouse			PM	0.019	0.084

Dated \_\_\_\_\_