

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9276

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

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
10	Boiler Stack (5)	VOC	1.85	8.10
		NO <sub>x</sub>	1141.20	4998.50
		SO <sub>2</sub>	1468.10	6430.50
		PM-dry	0.42	1.84
		PM-H <sub>2</sub> SO <sub>4</sub> -mist	21.67	94.91
		CO	80.80	353.90
10	Boiler Stack (6)	VOC	1.85	8.10
		NO <sub>x</sub>	1141.20	4998.50
		SO <sub>2</sub>	587.24	2572.12
		PM-dry	0.42	1.84
		PM-H <sub>2</sub> SO <sub>4</sub> -mist	21.67	94.91
		CO	80.80	353.90
		NH <sub>3</sub>	5.26	23.05
1	Fugitive (4) Coke Unloading	PM	0.04	0.20
3	Fugitive (4) Coke Handling	PM		0.02
4	Fugitive (4) Limestone Unloading	PM		0.06
6	Fugitive (4) Limestone Handling	PM		0.01
7	Fugitive (4) Limestone Slurry	PM		0.04

## Preparation

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>	
8	Fugitive (4) Fly Ash Handling	PM	0.70	
9	Fugitive (4) Gypsum Handling	PM	0.40	
FUG-AMM	Fugitive (4) Ammonia	NH <sub>3</sub>	0.02	0.09
TK01-S	Molten Sulfur Storage Tank	H <sub>2</sub> S	<0.01	<0.01

(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  
 H<sub>2</sub>SO<sub>4</sub> - sulfuric acid  
 NH<sub>3</sub> - ammonia (5/98)  
 H<sub>2</sub>S - hydrogen sulfide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) This allowable is effective until operation of the ammonia scrubber begins. (5/98)

(6) This allowable is effective upon start of operation of the ammonia scrubber. (5/98)

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

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>

following maximum operating schedule:

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

Dated\_\_\_\_\_