

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 32274

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	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1	Process Heater (SMR) Stack	NO <sub>x</sub>	2.60	11.39
		PM	1.30	5.69
		CO	5.24	22.97
		NH <sub>3</sub>	1.27	5.58
		VOC	1.13	4.93
		SO <sub>2</sub>	0.47	2.06
2	Auxiliary Boiler Stack	NO <sub>x</sub>	3.00	13.14
		PM	2.00	8.76
		CO	16.13	70.65
		NH <sub>3</sub>	1.96	8.58
		VOC	3.46	15.17
		SO <sub>2</sub>	0.72	3.16
3	Flare Stack	NO <sub>x</sub>	0.01	0.04
		PM	0.02	0.09
		CO	0.04	0.19
		VOC	0.02	0.07
		SO <sub>2</sub>	<0.01	<0.01
4	CO Fugitives (4)	CO	1.32	5.79

(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) NO<sub>x</sub> - total oxides of nitrogen  
PM - particulate matter

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- CO - carbon monoxide  
NH<sub>3</sub> - ammonia  
VOC - volatile organic compounds as defined in General Rule 101.1  
SO<sub>2</sub> - sulfur dioxide  
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* 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 \_\_\_\_\_