

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23339

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	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
FUG	Fugitives (4)	VOC	0.36	1.57
		H <sub>2</sub> S	<0.01	<0.01
FLARE	Emergency Flare	Emergency Use Only		
HTR-A	Line Heater A	NO <sub>x</sub>	0.05	0.24
		CO	0.05	0.20
		VOC	0.01	0.01
		PM <sub>10</sub>	0.01	0.02
		SO <sub>2</sub>	0.01	0.04
HTR-B	Line Heater B	NO <sub>x</sub>	0.11	0.47
		CO	0.09	0.40
		VOC	0.01	0.03
		PM <sub>10</sub>	0.01	0.04
		SO <sub>2</sub>	0.02	0.07
HTR-C	Line Heater C	NO <sub>x</sub>	0.05	0.24
		CO	0.05	0.20
		VOC	0.01	0.01
		PM <sub>10</sub>	0.01	0.02
		SO <sub>2</sub>	0.01	0.04
HTR-D	Line Heater D	NO <sub>x</sub>	0.16	0.71
		CO	0.14	0.60
		VOC	0.01	0.04
		PM <sub>10</sub>	0.01	0.05
		SO <sub>2</sub>	0.02	0.11

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AIR CONTAMINANTS DATA

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

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
HTR-E	Line Heater E	NO <sub>x</sub>	0.16	0.71
		CO	0.14	0.60
		VOC	0.01	0.04
		PM <sub>10</sub>	0.01	0.05
		SO <sub>2</sub>	0.02	0.11

(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

CO - carbon monoxide

VOC - volatile organic compounds as defined in General Rule 101.1

PM<sub>10</sub> - particulate matter equal to or less than 10 microns

SO<sub>2</sub> - sulfur dioxide

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.

\* 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 8,760

Dated \_\_\_\_\_