

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 93264

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, sources, and related activities. 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)	Emission Rates	
			lbs/hour	TPY (4)
BOILER 1	Boiler 1	CO	1.376	6.024
		NO <sub>x</sub>	1.244	5.450
		SO <sub>2</sub>	0.010	0.043
		PM <sub>10</sub>	0.124	0.545
		PM <sub>2.5</sub>	0.062	0.273
		VOC	0.090	0.395
FLARE	Flare	CO	0.010	0.020
		NO <sub>x</sub>	0.010	0.010
		SO <sub>2</sub>	0.010	0.010
		VOC	0.035	0.014
HOU 1	Hot Oil Unit 1	CO	0.396	1.732
		NO <sub>x</sub>	0.471	2.061
		SO <sub>2</sub>	0.003	0.013
		PM <sub>10</sub>	0.036	0.157
		PM <sub>2.5</sub>	0.018	0.079
		VOC	0.026	0.114
FUGITIVES	Fugitives (5)	VOC	0.546	2.412
		IOC-U	0.053	0.231

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
IOC-U - inorganic compounds (unspeciated)  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: April 23,

2012