

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 588

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)	Emission Rates*	
			lb/hr	TPY**
C-1	Compressor 487	CO	4.10	17.96
		NO <sub>x</sub> 2.73	11.97	
		PM <sub>10</sub> 0.05	0.20	
		SO <sub>2</sub> 0.01	0.01	
		VOC 0.27	1.20	
C-2	Compressor 488	CO	4.10	17.96
		NO <sub>x</sub> 2.73	11.97	
		PM <sub>10</sub> 0.05	0.20	
		SO <sub>2</sub> 0.01	0.01	
		VOC 0.27	1.20	
C-3	Compressor 4001	CO	6.08	26.65
		NO <sub>x</sub> 4.06	17.77	
		PM <sub>10</sub> 0.07	0.30	
		SO <sub>2</sub> 0.01	0.01	
		VOC 0.41	1.78	
C-4	Compressor 4029	CO	4.10	17.96
		NO <sub>x</sub> 2.73	11.97	
		PM <sub>10</sub> 0.05	0.20	
		SO <sub>2</sub> 0.01	0.01	
		VOC 0.27	1.20	
508	Hot Oil Heater	CO	1.20	5.27
		NO <sub>x</sub> 1.43	6.26	
		PM <sub>10</sub> 0.11	0.48	
		SO <sub>2</sub> 0.01	0.04	
		VOC 0.08	0.35	

FL-1	Flare Pilot Fuel Only	CO	0.12	0.53
		NO <sub>x</sub>	0.06	0.26
		VOC	0.01	0.01
	Condensate and Gasoline Loading Only	CO	0.0	0.0
		NO <sub>x</sub>	0.0	0.0
		VOC	1.50	0.66
	Normal Operation Only	CO	0.26	1.14
		NO <sub>x</sub>	0.13	0.57
		VOC	0.23	1.01
	Start up, Shutdown and Maintenance Emissions Only	CO	35.13	0.42
		NO <sub>x</sub>	17.60	0.21
		VOC	0.0	0.0
LD-1	Condensate Loading Losses	VOC	20.19	0.72
LD-2	Gasoline Loading Losses	VOC	20.19	16.83
V-1	Condensate Tank 11	VOC	5.20	22.77
V-2	Condensate Tank 12	VOC	5.20	22.77
FUG-1	Process Fugitives (4)	VOC	2.72	11.91

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

EMISSIONS FROM SOURCE(S) MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

(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

\*\* Compliance with annual emission limits is based on a rolling 12-month period.