

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 436

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)	<u>Emission Rates*</u>	
			lb/hr	TPY**
E09A032	No. 3 Olefins Flare	CO	2.26	9.88
		NO <sub>x</sub>	0.29	1.28
		SO <sub>2</sub>	0.01	0.05
		VOC	2.23	9.77
		Ethylene	0.01	0.01
		Propylene	1.77	7.76
	No. 3 Olefins Flare (MSS)	Ethylene	15.00	2.70
		CO	2.06	
		NO <sub>x</sub>	0.27	
F09A001	Fugitives (4)	VOC	2.11	9.23
		Ethylene	0.06	0.26
		Propylene	1.49	6.51
		Butadiene	0.01	0.01
E09A048	Safety Valve KO Pot (4)	VOC	0.05	0.21
		Ethylene	0.03	0.15

- (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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- \* Except when noted, emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

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

Dated March 24, 2005