

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56481

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**	
T3166	Tank 3166	VOC	4.01	0.74	
T4280	Tank 4280	VOC	4.01	0.36	
T4279	Tank 4279	VOC	1.02	2.73	
T3172	Tank 3172	VOC	1.46	3.77	
FUG1	Equipment Component Fugitives (4)	VOC	0.07	0.29	
FUG2	Uncaptured Loading Fugitives (4)	VOC	16.58	14.57	
VRU	Vapor Recovery Unit	VOC	18.06	(6)	
VCU	Vapor Combustion Unit (5)	VOC	16.91	(6)	
		NO <sub>x</sub>	9.44		8.11
		CO	23.61		20.27
		PM	0.47		1.71
		SO <sub>2</sub>	0.04		0.17
		Total annual VOC allowable for VRU and VCU (6)			VOC

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- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.  
SO<sub>2</sub> - sulfur dioxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The VCU is authorized by Standard Permit Number 72603. Upon installation, it will replace the VRU as the primary control device for product loading.
- (6) The total annual VOC emissions from both the VCU and the VRU will be limited to 18.00 tons per year.

\* 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

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

Dated May 31, 2005