

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 27941

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 **
F016FG3	Fugitives (4)	VOC	0.97	4.25
098LT90	Truck Loading	VOC	2.25	0.28
093LR1	Railcar Loading	VOC	2.25	0.28
100T38	Storage Tank	VOC	3.90	0.37
016CU2	Catox Unit	VOC	2.36	10.34
		NO <sub>x</sub>	0.16	0.72
		CO	2.00	8.76
		SO <sub>2</sub>	0.01	0.04
		PM/PM <sub>10</sub>	0.01	0.05
016MNT1	Start-up/Shutdown/Maintenance	Propionaldehyde	36.2	
		Propionic Acid	56.7	
		VOC	126.9	2.99

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

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- (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 8,760 Hrs/year

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

Dated June 2, 2006