

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48988

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**
E03A039	IPDA North Tank	VOC	0.20	0.11
E03A040	IPDA South Tank	VOC	0.20	0.05
E09A032	No. 3 Olefins Flare (5) Normal Operation only (TCO Site Flare)	CO	0.01	0.01
		NO _x	0.01	0.01
		SO ₂	0.01	0.01
		VOC 0.27	0.01	
E17A002	Diethanolamine Tank (6)	VOC	0.96	0.01
E17A008	FARM Flare (5) (Normal Operation Only)	CO	25.82	90.49
		H ₂ S	0.14	0.50
		NO _x	2.96	10.38
		SO ₂ 13.94	48.84	
		VOC 7.13	24.98	
	FARM Flare (5) Maintenance 720 hours only	CO	0.03	0.01
		NO _x	0.01	0.01
		SO ₂ 0.01	0.01	
		VOC 0.09	0.03	
E17A020	Sour Water Loading	VOC	1.45	0.02
E17B002	Monoethanolamine Tank	VOC	0.20	0.01
E17C002	Methanol Tank (6)	VOC	1.98	0.05
E17C026	Aeration Injection Tank	VOC	0.10	0.01

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W03A005	Wastewater	VOC (6)	43.18	189.15
W03A005	Equalization Tank V-100 Maintenance 336 hours only	VOC	0.26	0.04
W03A005A	Truck Unloading Tank D-120 Maintenance 336 hours only	VOC	0.01	0.01
F02B0001	Wastewater Flare Vent Line (4) Process Fugitives	VOC	0.08	0.33
F02B001-06	Pipe Rack Process Fugitives (4)	CO	0.02	0.08
		VOC 2.75	9.65	
F17A001	FARM Process Fugitives (4)	CO	0.09	0.40
		VOC 20.76	90.92	

(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
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in the 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.

(5) Contributions from these permitted facilities are emitted from this emission point no. (EPN).

(6) This EPN shall be permanently shutdown and rendered inoperable by December 31, 2006.

* 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.

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			<u>lb/hr</u>	<u>TPY**</u>

Dated September 7, 2006