

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2925

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**
TF-01	Step I-Flare Stack	VOC	12.75	11.07
		NO _x 0.65	1.67	
		CO 2.44	8.52	
TF-02	Topping Column Vent	VOC	0.28	0.15
TF-05	Step II-Degasser Vent and Hydrogenator	VOC	1.87	2.60
TF-07	Concentrator Column Vent	VOC	0.75	1.30
TF-08	Reactor/Refining Train	VOC	1.65	2.10
		CO 3.60	5.00	
TF-09	THF Tank Farm Vent	VOC	2.60	5.20
TF-11	Crude BYD Storage Tank	VOC	2.28	3.00
TF-21	Hold Tank Vent	VOC	1.15	0.30
TF-22	Refined BYD Storage Tank	VOC	0.04	0.20
TF-23	Crude and Concentrated BDO	VOC	0.67	1.60
TF-25	BDO Refining Vent	VOC	0.70	0.22
TF-26	Fugitives (4)	VOC	3.09	13.55

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
TF-27	Wastewater Ponds	VOC	5.50	24.0
TF-28	THF Tank	VOC	0.28	0.78

- (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_x - total oxides of nitrogen
 CO - carbon monoxide
- (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 or 8,760 Hrs/year

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

Date June 3, 2005