

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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	36.50
		NO _x	0.65	2.80
		CO	2.44	10.70
TF-02	Topping Column Vent	VOC	0.28	1.00
TF-05	Step II-Degasser Vent	VOC	1.87	8.17
TF-07	Concentrator Column Vent	VOC	0.75	2.00
TF-08	Reactor/Refining Train Vent 2.10	VOC		1.65
		CO	3.60	5.00
TF-09	THF Tank Farm Vent	VOC	2.60	5.20
TF-11	Crude BYD Storage Tank Vent 3.00	VOC		2.28
TF-21	Hold Tank Vent	VOC	1.15	0.30
TF-22	Refined BYD Storage Tank Vent 0.2	VOC		0.04
TF-23	Crude and Concentrated BDO Storage Tank Vent	VOC	0.67	1.60
TF-25	BDO Refining Vent	VOC	0.70	2.50

TF-26	Fugitives (4)	VOC	3.09	13.55
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 plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

CO - carbon monoxide

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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

Dated_____