

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 26891

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 **
HTREF201	Reformate Splitter Unit Heater	VOC	0.32	1.40
		NO <sub>x</sub>	3.60	15.77
		CO	3.62	15.86
		PM <sub>10</sub>	0.45	1.97
		SO <sub>2</sub>	1.93	8.45
INDOK001	Vapor Combustor	VOC total	31.52	3.90
		Bz	5.01	0.59
		NO <sub>x</sub>	4.55	3.92
		CO	2.00	1.73
		PM <sub>10</sub>	0.29	0.44
		SO <sub>2</sub>	0.22	0.07
TKTKF340	Tank No. 340	VOC	0.78	0.34
TKTKF341	Tank No. 341	VOC	0.68	0.34
TKTKF352	Tank No. 353	VOC	0.66	0.42
FURSU001	Process Fugitives (4)	VOC	1.20	5.26
LODOK001	Dock Loading	VOC	11.33	8.90

- (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 Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub> - total oxides of nitrogen
- CO - carbon monoxide
- PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
- SO<sub>2</sub> - sulfur dioxide
- Bz - benzene

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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:

24 Hrs/day 7 Days/week 52 Weeks/year

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

Dated: August 2, 2010