

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 29966

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
126BGRAIL	Rail Loading Losses	VOC	0.34	0.04
126EFFLUNT	Effluent Collection	VOC	0.01	0.02
126FT18	FT 18 Storage Tank	VOC	0.01	0.02
126HE1137	Overhead Vent for T-223 and T-224	VOC	0.09	0.19
126T218	Low Odor Column Vacuum Vent	VOC	0.01	0.04
126T220	Scrubber Vent	VOC	0.41	0.40
126T226	Heavy Ends Vacuum Vent	VOC	1.18	3.58
126T227	Finishing Column Vacuum Vent	VOC	0.08	0.24
126TRUCK	Tank Truck Loading Losses	VOC	0.21	0.02
126V741	Tank Vent	VOC	0.01	0.03
126V742	Tank Vent	VOC	0.01	0.03
126V778	Vacuum Flasher Vacuum Vent	VOC	2.74	8.05
126V875	Tank Vent (5)	VOC	0.05	0.01
126V879	Tank Vent (5)	VOC	0.07	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
126V883	Catalyst Settler Tank Vent	VOC	7.91	24.57
126V892	Vacuum Flasher Feed Tank Vent	VOC	0.60	0.60
126V900	Tank Vent	VOC	0.32	0.03
126V901	Tank Vent	VOC	0.15	0.03
126V902	Tank Vent	VOC	0.15	0.03
126V903	Tank Vent	VOC	0.02	0.01
126V3039	T-224 Overhead Decanter	VOC	0.09	0.19
126FUG	Process Fugitive Emissions (4)	VOC	0.25	1.10

- (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
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions from these tanks will be vented to the MO3 Incinerator, NSR Permit Number 19136, for normal operation and shall only vent to the atmosphere for a maximum of 336 hours per rolling 12 months.

\* 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 October 27, 2006