

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 36562

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
BLR-2	500 BHP Boiler	PM	0.30	0.60
		SO <sub>2</sub>	1.07	2.13
		CO	0.75	1.50
		NO <sub>x</sub>	3.00	6.00
		VOC	0.06	0.12
01001	200 BHP Boiler	PM	0.12	0.24
		SO <sub>2</sub>	0.43	0.85
		CO	0.30	0.60
		NO <sub>x</sub>	1.20	2.40
		VOC	0.04	0.09
TO-1	Oxidizer	CO	1.10	0.17
		NO <sub>x</sub>	4.60	0.68
		Acetone	10.10	0.16
		VOC	16.10	4.60
SS1, SS2, and LS1	Slipside Dock 1, Slipside Dock 2, and Lakeside Dock 1	Acetone	84.20	0.17
		VOC	251.20	16.91
5001	Tank T 5001	VOC	0.50	0.25
5002	Tank T 5002	VOC	0.50	0.25
T-1-IFR	IFR Tank Fugitives (4)	VOC	0.50	0.50
TT1	Tank Truck	VOC	2.12	0.11
TT2	Tank Truck	VOC	2.12	0.11

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			lb/hr	TPY
T-1	Tank Farm Fugitives (4)	VOC	0.07	0.31
ST-1	Tank Farm Fugitives (4)	VOC	0.18	0.79
D1	Tank D1	VOC	0.05	<0.01
D2	Tank D2	VOC	0.05	<0.01
D3	Tank D3	VOC	0.05	<0.01
D4	Tank D4	VOC	0.05	<0.01
GREEN	Green Diesel Tank	VOC	0.03	<0.01
RED	Red Diesel Tank	VOC	0.03	<0.01
SILVER	Silver Diesel Tank	VOC	0.03	<0.01
400	Tank T-400	VOC	0.07	0.30
401	Tank T-401	VOC	0.07	0.30
2500	Tank T-2500	VOC	0.01	0.05
2501	Tank T-2501	VOC	0.01	0.05
250	Tank T-250	VOC	<0.01	0.01
251	Tank T-251	VOC	<0.01	0.01
100	Tank T-100 (5)	VOC	7.48	0.91
102	Tank T-102 (5)	VOC	7.48	0.91
1400	Tank T-1400 (5)	VOC	0.30	1.31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
1401	Tank T-1401 (5)	VOC	0.30	1.31
1005	Tank T-1005 (6)	VOC	16.78	0.72
1006	Tank T-1006 (6)	VOC	16.78	0.72
5001	Tank T-5001 (6)	VOC	0.50	0.25
1008	Tank T-1008 (7)	VOC	16.78	0.72
1020	Tank T-1020 (7)	VOC	0.05	0.20
1030	Tank T-1030 (7)	VOC	0.22	0.97
5002	Tank T-5002	VOC	0.50	0.25

- (1) Emission point identification - either specific equipment designation or emission point number from a 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 30 Texas Administrative Code Section 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.
  - PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
  - CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Tanks T-100 and T-102 will cease operations once Tanks T-1400 and T-1401 are constructed and put in service. Tanks T-1400 and T-1401 will not begin service until Tanks T-100 and T-102 are taken out of service.
- (6) Tanks T-1005 and T-1006 will cease operations once Tank T-5001 is constructed and put in service. Tank T-5001 will not begin service until Tanks T-1005 and T-1006 are taken out of service.
- (7) Tank T-1008 will cease operations once Tanks T-1020 and T-1030 are constructed and put in service. Tanks T-1020 and T-1030 will not begin service until Tank T-1008 is taken out of service.

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\* 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

Dated July 17, 2000