

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 106044

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
VCU1	Vapor Combustion Unit 1	VOC	1.04	0.48
		NO <sub>x</sub>	1.29	0.64
		CO	1.76	0.85
		SO <sub>2</sub>	<0.01	<0.01
		PM	0.17	0.08
		PM <sub>10</sub>	0.17	0.08
		PM <sub>2.5</sub>	0.17	0.08
VCU2	Vapor Combustion Unit 2	VOC	1.04	0.48
		NO <sub>x</sub>	1.29	0.64
		CO	1.76	0.85
		SO <sub>2</sub>	<0.01	<0.01
		PM	0.17	0.08
		PM <sub>10</sub>	0.17	0.08
		PM <sub>2.5</sub>	0.17	0.08
DOCK1-BL	Dock 1 Barge Loading	VOC	54.79	25.37
DOCK2-BL	Dock 2 Barge Loading	VOC	54.79	25.37
T-1	Condensate/Light Oil Tank (50,000 bbl)	VOC	1.22	6.23
T-2	Condensate/Light Oil Tank (98,500 bbl)	VOC	1.05	
T-5	Diesel Storage Tank	VOC	0.67	<0.01

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FUG1 (5)	Fugitive Area 1 – Barge Loading	VOC	0.32	1.42
FUG2 (5)	Fugitive Area 2 – Condensate/Light Oil Tank Loading	VOC	0.28	1.22
FUG4 (5)	Fugitive Area 4 – Diesel Storage	VOC	<0.01	<0.01
UNC-MSS	Uncontrolled MSS for Tank T-1 and T-2	VOC	89.27	3.11
CON-MSS	Controlled MSS Activities for Tanks T- 1 and T-2	VOC	0.39	0.09
		NO <sub>x</sub>	1.59	0.25
		CO	0.90	0.14
		SO <sub>2</sub>	0.08	0.02
		PM	0.10	0.02
		PM <sub>10</sub>	0.10	0.02
		PM <sub>2.5</sub>	0.10	0.02

- (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
- SO<sub>2</sub> - sulfur dioxide
- CO - carbon monoxide
- PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
- PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the permit application representations.

Date: October 30, 2013