

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4036A

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 ***
T101	Tank (IFR)	VOC	1.43	4.12
		Xylene (5)	0.45	0.20
T102	Tank (IFR)	VOC	1.59	4.84
		Xylene (5)	0.41	0.21
T103	Tank (FXR)	VOC	3.46	1.95
T104	Tank (FXR)	VOC	3.46	1.95
T105	Tank (EFR/GD)	VOC	0.48	0.81
		Xylene (6)	0.37	0.12
T106	Tank (EFR/GD)	VOC	0.48	0.81
		Xylene (6)	0.37	0.12
T107	Tank (EFR)	VOC	0.83	2.13
T108	Tank (EFR/GD)	VOC	1.26	0.87
T113	Tank (EFR)	VOC	1.65	4.37
T161	Tank (IFR)	VOC	0.85	1.18
MVCS-1	Marine Loading Vapor Control	VOC	34.02	13.30
		Xylene (5)	8.75	3.50
Pipe-1	Fugitives (4)	VOC	0.17	0.73

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Emission Point No. (1)	Source Name (2) *	Air Contaminant Name (3)	Emission Rates **	
			lb/hr	TPY***
Pump Engine 1	Emergency Fire Pump Engine 1	VOC	0.18	0.02
		NO _x 4.93	0.49	
		CO 0.95	0.09	
		SO ₂ 0.68	0.07	
		PM ₁₀ 0.40	0.04	
Engine 1 Tank	Engine 1 Diesel Tank	VOC	0.03	0.01
Sump1	Sump-1	VOC	2.66	0.28
		Xylene (5)	0.08	0.01
Sump-2	Sump-2	VOC	2.66	0.28
		Xylene (5)	0.08	0.01
Sump-3	Sump-3	VOC	2.65	0.14
		Xylene (5)	0.08	0.01

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. 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_x - nitrogen oxide
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 PM₁₀ - particulate matter (PM) 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.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Xylene emissions from these sources are based on pure xylene product.
- (6) Xylene emissions are based on speciated gasoline or distillate emissions. Xylene is included in the total VOC emissions.

- * EFR - external floating roof
 EFR/GD - EFR with geodesic dome
 FXR - fixed roof
 IFR - internal floating roof

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** Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____ or Hrs/year 8,760

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

Dated July 21, 2003