

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
T102	Tank (IFR)	VOC	1.59	4.84
T103	Tank (FXR)	VOC	1.66	1.78
T104	Tank (FXR)	VOC	1.66	1.78
T105	Tank (EFR/GD)	VOC	0.48	0.81
T106	Tank (EFR/GD)	VOC	0.48	0.81
T107	Tank (EFR)	VOC	0.83	2.13
		Benzene (5)	0.01	0.01
T108	Tank (EFR/GD)	VOC	0.42	0.60
		Benzene (5)	0.01	<0.01
T110	Tank (FXR)	VOC	0.21	1.83
T111	Tank (FXR)	VOC	1.50	1.06
T113	Tank (EFR)	VOC	1.89	4.44
		Benzene (5)	0.01	0.02
T161	Tank (IFR)	VOC	0.70	1.32

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2) *	Air Contaminant Name (3)	Emission Rates **	
			lb/hr	TPY
T301	Tank (EFR)	VOC	2.49	4.09
T303	Tank (EFR)	VOC	2.47	4.09
MVCS-1	Marine Vapor Control System	VOC	34.02	13.30
Pipe-1	Fugitives (4)	VOC	2.07	9.07
		Benzene (5)	<0.01	0.01
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	<0.001
Sump1	Sump-1	VOC	2.66	0.28
Sump-2	Sump-2	VOC	2.66	0.28
Sump-3	Sump-3	VOC	2.65	0.14

- (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 Section 101.1
 NO_x - nitrogen oxide
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 PM₁₀ - particulate matter less than 10 microns in diameter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(5) Speciated emissions are included in total VOC emissions.

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

** 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

Dated_____