

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 19871 and PSD-TX-760M7

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
8FT-D01	Naphtha Tank	VOC (6)	11.07	23.21
8FT-D02	Wash Oil Tank	VOC (6)	2.68	1.38
8FT-D03	Naphtha Tank	VOC (6)	6.79	14.11
8FT-D09A	Monoethylene Glycol (MEG) Tank	VOC (6)	0.35	0.27
8FT-D09B	MEG Tank	VOC (6)	0.35	0.27
8FT-D13	C9+ Cut Storage Tank	VOC (6)	2.45	1.53
8FT-D14	Diethylene Glycol Storage Tank	VOC (6)	0.01	0.02
8F-D01	Chandelier Flare	Emergency Use Only		
8F-D03	Dock Flare	VOC (6)	16.82	4.85
		NO _x (6)	1.80	7.88
		CO (6)	2.50	10.95
		SO ₂ (6)	0.02	0.07
8F-D02	Dock Incinerator/Scrubber	EDC	0.04	0.02
		NO _x (6)	3.30	14.45
		CO (6)	0.14	0.61
		PM (6)	1.10	4.80
		SO ₂ (6)	0.03	0.15
		HCl	0.42	1.84
		Cl ₂	0.41	1.80
		VOC (6)	0.40	1.75

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			lb/hr	TPY
		NO _x (6)	1.10	4.82
		CO (6)	1.50	6.57
		SO ₂ (6)	0.01	0.02
8F-D05	BTX Tanks Flare	CO (6)	1.77	7.75
		NO _x (6)	0.88	3.85
		SO ₂ (6)	<0.01	0.02
		VOC (6)	0.02	0.02
8FT-901S1	Caustic Tank	NaOH	0.01	0.01
8FT-901S2	Caustic Tank	NaOH	0.01	0.01
8FT-902	Caustic Tank	NaOH	0.01	0.01
8FT-911S1	Caustic Tank	NaOH	0.01	0.01
8FT-911S2	Caustic Tank	NaOH	0.01	0.01
8FT-911S3	Caustic Tank	NaOH	0.01	0.01
8FT-911S4	Caustic Tank	NaOH	0.01	0.01
8FT-D07A	Caustic Tank	NaOH	0.01	0.01
8FT-D07B	Caustic Tank	NaOH	0.01	0.01
8F-EG	MEG and DEG Loading (5)	VOC (6)	0.92	0.56
PF-L02	Inland Traffic Ethylene Glycol Loading Fugitives	VOC (6)	0.31	0.13
8FD-FUGDOCK	Dock Piping Process Fugitives (4)	VOC (6)	0.10	0.38
8FD-FUGINLD	Inland Traffic Process Fugitives (4)	VOC (6)	0.24	1.05

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			lb/hr	TPY
8FD-FUGTANK and 6-9	Tank Farm Process Fugitives (4)	VOC (6)	0.43	1.88

- (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) CO - carbon monoxide
 Cl₂ - chlorine
 EDC - ethylene dichloride
 HCl - hydrogen chloride
 NaOH - sodium hydroxide
 NO_x - total oxides of nitrogen
 PM - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - 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.
 SO₂ - sulfur dioxide
 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) Includes losses from MEG ship and barge loading and DEG barge loading.
- (6) These emissions are permitted under PSD and state.

* 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

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Emission	Source	Air Contaminant	<u>Emission Rates *</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
			Dated <u>September 29, 2005</u>	