

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 90932

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
Tank 1	Product Storage Tank	VOC	15.68	
		HCl	0.005	
Tank 2	Product Storage Tank	VOC	15.68	
		HCl	0.005	
Tank 3	Product Storage Tank	VOC	15.68	
		HCl	0.005	
Tank 4	Product Storage Tank	VOC	15.68	
		HCl	0.005	
Tank 5	Product Storage Tank	VOC	15.68	
		HCl	0.005	
Tank 6	Product Storage Tank	VOC	15.68	
		HCl	0.005	
Tank 7	Product Storage Tank	VOC	15.68	
		HCl	0.005	
Tank 8	Product Storage Tank	VOC	15.68	
		HCl	0.005	
Tank 1 - Tank 8 CAP	Product Storage Tank	VOC		2.63
		HCl		0.001

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FUGITIVE	Piping Component Fugitives (4)	VOC HCl	0.12 0.018	0.54 0.081
LOADING	Product Loading (5)	VOC HCl	1.63 0.001	1.74 0.001
SCRUBBER	Acrolein System	VOC	0.022	0.011
ACR FUG	Acrolein Piping Fugitives (4)	VOC	0.001	0.001

- (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 an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
HCl - hydrogen chloride
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Only two product storage tanks may be loaded at the same time and only one compound identified in the permit application and PI-1 dated September 21, 2009, may be loaded at the same time.

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

____Hrs/day ____Days/week ____Weeks/year or 8,760 Hrs/year

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

Dated May 27, 2010