

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48929

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**

The following limits are for interim source operation until approved controls (CAS and/or Flare) are installed:

CL-01	Wash Rack	VOC	43.72	21.17
		IOC-U 0.44	0.01	

The following limits are for source operation after approved controls (CAS and/or Flare) are installed:

FLR-01	Flare	VOC	21.50	1.08
		NO _x 2.36	10.32	
		SO ₂ 44.74	1.15	
		CO 9.38	41.10	
		HBr 0.37	0.01	
		HCl 0.10	0.01	
		HCN 0.51	0.01	
		HF 0.07	0.01	
		NH ₃ 1.07	0.05	
		Acetone	1.55	0.08
CL-01	Wash Rack	VOC	43.72	4.18
		IOC-U 0.44	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 an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - HBr - hydrogen bromide
 - HCl - hydrogen chloride
 - HCN - hydrogen cyanide

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HF - hydrogen fluoride

NH₃ - ammonia

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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 July 3, 2003