

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21070

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**
EPN 006174	Tanks 310 and 306	Cr	0.01	0.01
		NaOH	0.07	
EPN 006171	Tank 301- Emulsion Cleaning	VOC	0.04	0.05
EPN 006172	Tank 303 - Alkaline Cleaning	PM ₁₀	0.48	0.53
		EtOH	0.09	
EPN 006173	Tanks 304 and 307	PM ₁₀	0.48	0.52
		HNO ₃	1.16	1.27
		H ₂ SO ₄	0.34	0.37
EPN 006176	Tank 317	PM ₁₀	<0.01	<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
- 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.
- Cr - chromium
- NaOH - sodium hydroxide
- EtOH - ethanol
- HNO₃ - nitric acid
- H₂SO₄ - sulfuric acid

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Maximum annual use of 14,700 pounds of chromic acid

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

Dated November 21, 2002