

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21286

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**
EPN-1a and 1b/ EPN-2	Cl <sub>2</sub> Scrubber	Cl <sub>2</sub>	0.098	0.133
	SO <sub>2</sub> Scrubber	SO <sub>2</sub>	0.05	0.03
EPN-3	Bleach Reactor	Cl <sub>2</sub>	0.01	0.012
EPN-3a	Bleach Storage	Cl <sub>2</sub>	0.01	0.013
EPN-5	Ammonia Scrubber	NH <sub>3</sub>	0.4	0.11
EPN-6	Aqua Ammonia Tank	NH <sub>3</sub>	0.8	<0.01
FUG	Fugitives (4)	Cl <sub>2</sub>	0.022	0.11
		SO <sub>2</sub>	0.01	0.06
		VOC	0.42	1.86
		NH <sub>3</sub>	0.05	0.22

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

SO<sub>2</sub> - sulfur dioxide

Cl<sub>2</sub> - chlorine

NH<sub>3</sub> - 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 April 1, 2004