

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3921

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**
S-51	Absorber	H <sub>2</sub> S	0.02	0.01
		SO <sub>2</sub>	0.11	0.02
J-42	Sodium Sulfite Tank	Na <sub>2</sub> SO <sub>3</sub>	0.01	0.01
J-68	Sodium Sulfite Tank	Na <sub>2</sub> SO <sub>3</sub>	0.01	0.01
OS-2	Alkylated Benzene Tank	VOC	0.09	0.02
OS-3	Alkylated Benzene Tank	VOC	0.09	0.02
CCS-FUG	Process Fugitives (4)	VOC	0.08	0.35
		Sulfur	0.07	0.32
		SO <sub>3</sub>	0.03	0.13
		HCl	0.01	0.04
FI-06	Incinerator	VOC	0.06	0.17
		NO <sub>x</sub>	0.65	2.37
		CO	1.33	5.83
		PM <sub>10</sub>	0.03	0.14

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- (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)
  - H<sub>2</sub>S - hydrogen sulfide
  - SO<sub>2</sub> - sulfur dioxide
  - SO<sub>3</sub> - sulfur trioxide
  - Na<sub>2</sub>SO<sub>3</sub> - sodium sulfite
  - H<sub>2</sub>SO<sub>4</sub> - sulfuric acid
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - HCl - hydrogen chloride
  - NO<sub>x</sub> - total oxides of nitrogen
  - PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
  - CO - carbon monoxide
- (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:

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

Hrs/year 8,760

Dated August 22, 2006