

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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Permit Number 6059

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**
INSRU001	Tail Gas Incinerator	VOC	0.05	0.22
		NO <sub>x</sub>	2.18	9.55
		SO <sub>2</sub>	7.29	31.93
		PM <sub>10</sub>	0.25	1.10
		H <sub>2</sub> S	0.16	0.70
		CO	15.96	69.90
		H <sub>2</sub> SO <sub>4</sub>	1.03	4.51
TKTKF202	Tank 202	VOC	0.27	0.77
		NH <sub>3</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
TKTKF700	Tank 700	VOC	0.01	0.01
TKTKF710	Tank 710	VOC	0.01	0.01
TKTKFD48	Tank D48	VOC	0.14	0.02
FUSRU001	SRU Fugitives (4)	VOC	0.51	2.25
		H <sub>2</sub> S	0.78	3.41
		NH <sub>3</sub>	0.13	0.58

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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(2) Specific point source name. For fugitive sources use area name or fugitive source name.

- (3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM<sub>10</sub> - 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 than 10 microns is emitted.  
H<sub>2</sub>S - hydrogen sulfide  
CO - carbon monoxide  
H<sub>2</sub>SO<sub>4</sub> - sulfuric acid  
NH<sub>3</sub> - anhydrous 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 Hrs/year 8,760

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

Dated October 27, 2006