

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6559

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
123	Tank No. 123	VOC	1.34	2.38
		H <sub>2</sub> S	0.003	0.012
TK123FUG	Tank No. 123 Fugitives (4)	VOC	0.033	0.145
		H <sub>2</sub> S	<0.01	<0.01
SPR901	Thermal Oxidizer	VOC	140.7	88.5
		NO <sub>x</sub>	29.8	18.8
		CO	59.6	37.7
		PM	59.1	36.6
		SO <sub>2</sub> **	161.1	99.8
		H <sub>2</sub> S	1.72	1.08
SPR902	Thermal Oxidizer	VOC	140.7	88.5
		NO <sub>x</sub>	29.8	18.8
		CO	59.6	37.7
		PM	59.1	36.6
		SO <sub>2</sub> **	161.1	99.8
		H <sub>2</sub> S	1.72	1.08
SPR903	Metering Skid Fugitives (4)	VOC	0.172	0.754
		H <sub>2</sub> S	<0.01	0.01
SPR904	Dock Fugitives (4)	VOC	0.094	0.414
		H <sub>2</sub> S	<0.01	0.01
SPR905	Manifold Fugitives (4)	VOC	0.304	1.33
		H <sub>2</sub> S	<0.01	0.015

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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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code Section 101.1
  - H<sub>2</sub>S - hydrogen sulfide
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - PM - particulate matter, suspended in the atmosphere including PM<sub>10</sub>
  - PM<sub>10</sub> - particulate matter 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.
  - SO<sub>2</sub> - sulfur dioxide
- (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 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

\*\* Estimate: 0.5 percent of SO<sub>2</sub> emissions are in the form of SO<sub>3</sub>

Dated\_\_\_\_\_