

## EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 8941 and PSDTX487M1

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
HB002FL	Acid Gas Flare	CO	0.46	2.00
		H <sub>2</sub> S (7)	2.97	12.76
		NO <sub>x</sub>	0.23	1.00
		SO <sub>2</sub>	279.00	1222.00
		VOC	0.10	0.45
HB006ST	Clark Engine No. 4 (1,200-horsepower [hp])	CO	5.30	23.20
		NO <sub>x</sub> (6)	38.70	169.40
		PM <sub>10</sub>	0.58	2.54
		SO <sub>2</sub>	0.01	0.03
		VOC (6)	11.60	51.00
HB007ST	Clark Engine No. 3 (1,200-hp.)	CO	5.30	23.20
		NO <sub>x</sub>	38.70	169.40
		PM <sub>10</sub>	0.58	2.54
		SO <sub>2</sub>	0.01	0.03
		VOC	11.60	51.00
HB008ST	Clark Engine No. 2 (1,200-hp.)	CO	5.30	23.20
		NO <sub>x</sub>	38.70	169.40
		PM <sub>10</sub>	0.58	2.54
		SO <sub>2</sub>	0.01	0.03
		VOC	11.60	51.00
HB009ST	Clark Engine No. 1 (1,200-hp.)	CO	5.30	23.20
		NO <sub>x</sub>	38.70	169.40

## Emission Sources – Maximum Allowable Emission Rates

		PM <sub>10</sub>	0.58	2.54
		SO <sub>2</sub>	0.01	0.03
		VOC	11.60	51.00
HB023ST	Amine Heater	CO	0.30	1.33
		NO <sub>x</sub>	0.36	1.59
		PM <sub>10</sub>	0.03	0.12
		SO <sub>2</sub>	0.01	0.01
		VOC	0.02	0.09
HB024ST	Regen Gas Heater	CO	0.18	0.79
		NO <sub>x</sub>	0.22	0.94
		PM <sub>10</sub>	0.02	0.07
		SO <sub>2</sub>	0.01	0.01
		VOC	0.01	0.05
HB002FE	Plant Fugitive Emissions (5)	H <sub>2</sub> S	0.01	0.01
		VOC (8) VOC (9)	11.96 4.62	52.41 20.21

- (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) CO - carbon monoxide  
H<sub>2</sub>S - hydrogen sulfide  
NO<sub>x</sub> - total oxides of nitrogen  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) PSDTX487 pollutant
- (7) PSDTX487M1 pollutant
- (8) Pre control emissions

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(9) Post control emissions

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

Date: \_\_\_\_\_