

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20180/PSD-TX-804

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

<u>Emission Name (3)</u>	<u>Source lbs/hr</u>	<u>Air Contaminant TPY</u>	<u>Emission Rates*</u>	<u>Point No. (1)</u>	<u>Name (2)</u>
H-030	No. 2 Reformer Charge Heater	VOC	0.72		3.16
		NOx	11.34		49.67
		SO2	4.52		19.79
		PM10	1.62		7.1
		CO	6.48		28.38
H-032	No. 2 Reformer Charge Heater	VOC	0.41	1.79	
		NOx	3.66	16.05	
		SO2	2.56	11.20	
		PM10	0.92	4.01	
		CO	3.66	16.05	
H-033	No. 2 Reformer Stab. Reboiler	VOC	0.12	0.53	
		NOx	1.08	4.73	
		SO2	0.75	3.30	
		PM10	0.27	1.18	
		CO	1.08	4.73	
V-007	No. 2 Reformer Regeneration Vent	CO	5.6		24.53
		Cl2	0.2		0.5
F-3100	Fugitives (4)	VOC	6.93		30.3
F-3110	No. 2 Reformer Water Separator	VOC	0.36	1.58	

(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.

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(3) VOC - volatile organic compounds as defined in General Rule 101.1

NO<sub>x</sub> - total oxides of nitrogen

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

PM<sub>10</sub> - particulate matter

CO - carbon monoxide

Cl<sub>2</sub> - all chlorides and Cl<sub>2</sub> calculated as Cl<sub>2</sub>

(4) Fugitive emissions are an estimate only and should not be considered as maximum allowable emission rates.

\* 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

Dated\_\_\_\_\_