

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6208

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* lbs/hr	TPY
H-010	Hydrodesulfurizer Charge Heater	VOC	0.1	0.5
		NOx	0.98	4
		SO2	0.68	3.0
		PM	0.25	1.07
		CO	0.98	4.29
H-011	No. 1 Reformer Stabilizer Reboiler Heater	VOC	0.05	0.2
		NOx	0.51	2.24
		SO2	0.29	1.25
		PM	0.1	0.45
		CO	0.41	1.79
H-012	No. 1 Reformer Charge Heaters (5)	VOC	0.48	2.1
		NOx	12.9	56.51
		SO2	3.0	13.1
		PM	3.19	13.97
		CO	3.19	13.97
H-013	No. 1 Reformer Stabilizer Reboiler Heater	VOC	0.04	0.16
		NOx	1.04	4.57
		SO2	0.24	1.06
		PM	0.26	1.13
		CO	0.26	1.13
H-031	Hydrodesulfurizer Stripper Reboiler Heater	VOC	0.09	0.4
		NOx	0.81	3.56
		SO2	0.57	2.48
		PM	0.2	0.89
		CO	0.81	3.56
V-006	No. 1 Reformer Regeneration Vent	CO		1.3

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hr	TPY
F-0520	Fugitives (4)		VOC	1.8 7.9
F-0530	Fugitives (4)		VOC	2.14 9.4
F-0630	Fugitives (4)		VOC	0.39 1.7
F-0670	Fugitives (4)		VOC	1.64 7.2
F-0900	Fugitives (4)		VOC	0.23 1.0
F-0840	Fugitives (4)		VOC	1.16 5.1

- (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 General Rule 101.1
 NOx - total oxides of nitrogen
 SO2 - sulfur dioxide
 PM - particulate matter
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as maximum allowable emission rates.
- (5) Three heaters share a common stack.

* 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_____