

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY

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 *	
			lb/hr	TPY
H-010	Hydrodesulfurizer Charge Heater	VOC	0.16	0.69
		NO _x	0.98	4.29
		SO ₂	0.86	2.64
		PM	0.25	1.07
		CO	0.98	4.29
H-011	No. 1 Reformer Stabilizer Reboiler Heater	VOC	0.07	0.29
		NO _x	0.51	2.24
		SO ₂	0.36	1.10
		PM	0.1	0.45
		CO	0.41	1.79
H-012	No. 1 Reformer Charge Heaters (5)	VOC	0.7	3.05
		NO _x	12.9	56.51
		SO ₂	3.78	11.6
		PM	1.08	4.71
		CO	4.3	18.84
H-013	No. 1 Reformer Stabilizer Reboiler Heater	VOC	0.06	0.25
		NO _x	1.04	4.57

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			lb/hr	TPY
		SO ₂	0.31	0.94
		PM	0.09	0.38
		CO	0.35	1.52
H-031	Hydrodesulfurizer Stripper	VOC	0.13	0.58
	Reboiler Heater	NO _x	0.81	3.56
		SO ₂	0.71	2.19
		PM	0.2	0.89
		CO	0.81	3.56
V-006	No. 1 Reformer	CO	0.29	1.3
	Regeneration Vent			
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-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 30 Texas Administrative Code (TAC) 101.1

NO_x - 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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
schedule:				
Hrs/day_____Days/week_____Weeks/year_____or Hrs/year_____				
8,760				

Dated _____