

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49325

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**
AMINE VENT	Amine Vent	H <sub>2</sub> S	0.07	0.30
		VOC 3.00	13.14	
G4-1301	Cooling Tower	PM	1.88	8.22
		VOC 0.42	1.84	
G10-601-1	Deethanizer Reboiler	CO	4.20	18.40
		NO <sub>x</sub> 5.00	21.90	
		PM 0.38	1.66	
		SO <sub>2</sub> 0.03	0.13	
		VOC 0.28	1.20	
G10-601-2	Deethanizer Reboiler	CO	4.20	18.40
		NO <sub>x</sub> 5.00	21.90	
		PM 0.38	1.66	
		SO <sub>2</sub> 0.03	0.13	
		VOC 0.28	1.20	
20-1	Depropanizer Reboiler	CO	3.73	16.35
		NO <sub>x</sub> 4.44	19.47	
		PM 0.34	1.48	
		SO <sub>2</sub> 0.03	0.12	
		VOC 0.24	1.07	
AMINE REB	Amine Reboiler	CO	0.37	1.64
		NO <sub>x</sub> 0.44	1.95	
		PM 0.03	0.15	
		SO <sub>2</sub> <0.01	0.01	
		VOC 0.02	0.11	

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	TPY**
G10-1801	Emergency Flare (5)	CO	0.12	0.54
		NO <sub>x</sub>	0.06	0.27
		SO <sub>2</sub>	<0.01	<0.01
		VOC	0.05	0.23
FUGITIVES	Fugitives (4)	H <sub>2</sub> S	<0.01	<0.01
		VOC	2.44	10.68

(1) Emission point identification from plot plan.

(2) Specific point source name.

(3) CO - carbon monoxide

H<sub>2</sub>S - hydrogen sulfide

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

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

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

PM<sub>10</sub> - particulate matter less than 10 microns in diameter.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code Section 101.1 (30 TAC § 101.1).

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

(5) Allowable emission rates for the flare include only routine emissions. Any maintenance, start up, shutdown and upset emissions are not included in the allowable emission rate for the flare and must meet the requirements of 30 TAC §§ 101.6, 101.7, and 101.11.

\* Facilities may operate:

Hrs/day 24 Days/week 7 Weeks/year 52

\*\* Compliance with annual emission limits is based on a rolling 12 month period.

Dated \_\_\_\_\_