

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 22321

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)
1013	Loading Rack Flare (6)	VOC	3.89	8.89
		NO <sub>x</sub>	2.60	4.94
		CO	22.33	42.35
		SO <sub>2</sub>	1.14	0.22
1014	Backup Flare (7) (Pilot Flame emissions)	NO <sub>x</sub>	0.03	0.13
		CO	0.25	1.10
		SO <sub>2</sub>	0.02	0.01
		VOC	0.01	0.02
F1	Piping Fugitives (5)	VOC	0.80	2.50

- (1) Emission point identification - either specific equipment designation or emission point number (EPN) 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 Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide
- (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) Flare emission rates based on routine operations as represented in permit. Flare is also used for emission control during start-up, shutdown, and maintenance operations.
- (7) Flare emission rates based on burning natural gas continuously. Flare handles episodic vents and serves as backup to the Loading Rack Flare, EPN 1013.

Date: May 15, 2013