

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22105

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
69A	Turbine A	NO <sub>x</sub>	4.43	18.36
		CO	5.40	22.35
		SO <sub>2</sub>	0.1	0.3
		VOC	0.2	0.8
		PM <sub>10</sub>	0.4	1.7
69B	Turbine A	NO <sub>x</sub>	4.43	18.36
		CO	5.40	22.35
		SO <sub>2</sub>	0.1	0.3
		VOC	0.2	0.8
		PM <sub>10</sub>	0.4	1.7
C69	Cooling Tower	VOC	0.29	1.29
F69	Fugitives (4)	VOC	3.73	16.3
T69A	T-701 Storage Tank	VOC	<0.01	<0.01
T69B	T-702 Storage Tank	VOC	<0.01	<0.01
T69C	T-703 Storage Tank	VOC	<0.01	<0.01
T69D	T-704 Storage Tank	VOC	<0.01	<0.01
Flare	Plant Flare (5)	VOC	25.6	1.35
		NO <sub>x</sub>	3.7	0.20
		CO	7.4	0.40

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- (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)  $PM_{10}$  - particulate matter less than 10 microns  
VOC - volatile organic compounds as defined in General Rule 101.1  
 $NO_x$  - total oxides of nitrogen  
 $SO_2$  - sulfur dioxide  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) This flare handles emissions from other sites at the plant. Emissions shown are from the fractionator unit only.

\* 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 \_\_\_\_\_