

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20992

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

<u>Emission Rates *</u>	Source	Air Contaminant	<u>Emission</u>	
Point No. (1) TPY	Name (2)	Name (3)	lb/hr	
49-H-90	C7 Splitter Reboiler (90 MMBTU/hr)	VOC	0.28	1.22
		NO <sub>x</sub>	3.60	15.77
		SO <sub>2</sub>	1.51	6.63
		CO	4.50	19.71
		PM	1.37	5.99
49-H-91	C8 Splitter Reboiler (138 MMBTU/hr)	VOC	0.22	0.95
		NO <sub>x</sub>	5.52	24.18
		SO <sub>2</sub>	2.32	10.17
		CO	6.90	30.22
		PM	0.77	3.35
172	Heater 49-H-71 (76 MMBTU/hr)	VOC	0.25	1.08
		NO <sub>x</sub>	4.56	19.97
		SO <sub>2</sub>	1.28	5.60
		CO	7.37	32.29
		PM	0.44	1.93
173	70-TK-115	VOC	1.58	3.48
174	70-TK-116	VOC	2.09	3.27
175	Fugitives (4)	VOC	1.63	7.15
AE-49601A/B	Analyzer Vent AE-49601A/B <0.01	VOC	<0.01	

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

<u>Emission Rates *</u> Point No. (1) TPY	Source Name (2)	Air Contaminant Name (3)	<u>Emission</u> lb/hr	
AE-49900A/B	Analyzer Vent AE-49900A/B <0.01		VOC	<0.01
AE-49901A/B	Analyzer Vent AE-49901A/B <0.01		VOC	<0.01
TK-51	Tank 51	VOC	0.92	0.31
TK-114	Tank 114	VOC	0.63	0.26
VRU	Vapor Recovery Unit	VOC	8.76	1.92

- (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  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 CO - carbon monoxide  
 PM - particulate matter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Speciated VOC emission rates are included in VOC emission rates. Speciated VOC emission rates are provided for easy referral to rates used for impacts evaluation.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

\_\_\_\_\_Hrs/day \_\_\_\_\_Days/week \_\_\_\_\_Weeks/year or 8,760  
Hrs/year

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

Dated \_\_\_\_\_