

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 7694

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 Contaminant Point No.	(1)	Source <u>Emission Rates *</u>		Air Name	(2)
		lb/hr	TPY		
59A	E38 Vent		VOC	1.66	0.76
59B	E39 Vent		VOC	17.69	0.71
59C	E40 Vent		VOC	14.78	1.32
59D	E41 Vent		VOC	14.78	0.76
59E	E42 Vent		VOC	14.78	1.32
59F	E43 Vent		VOC	14.89	2.31
64	Loading Scrubber		VOC	3.89	2.68
64-F	Loading Fugitives (4)		VOC	4.10	2.82
53 Emissions Only	Compressor Seal Leakage Collection Pot		CO		Startup
32, 33	Reformer F-101 Heater		VOC	0.22	1.10
			NO <sub>x</sub>	33.33	145.95
			CO	1.23	5.43
			PM <sub>10</sub>	2.82	12.35
			SO <sub>2</sub>	0.02	0.03
			H <sub>2</sub> S	< 0.01	< 0.01

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

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Contaminant Point No. (1)	Source Emission Rates *		Air	
			Name (2)	
Name (3)	lb/hr	TPY		
16	East Flare (5)	VOC	18.88	55.09
		NO <sub>x</sub>	4.35	9.27
		CO	32.32	79.52
		SO <sub>2</sub>	< 0.01	< 0.01
		H <sub>2</sub> S	< 0.01	< 0.01
101	Ammonia Recovery System Vent	CO	0.89	3.89
		NH <sub>3</sub>	0.30	1.31
104	API Separator	VOC	0.54	2.37

- (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  
 CO - carbon monoxide  
 NO<sub>x</sub> - total oxides of nitrogen  
 PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
 SO<sub>2</sub> - sulfur dioxide  
 H<sub>2</sub>S - total oxides of nitrogen  
 NH<sub>3</sub> - ammonia
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Owned and operated by Occidental Chemical Company

\* 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

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

Dated\_\_\_\_\_