

# 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

<u>Emission Rates *</u>	Source	Air Contaminant	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lbs/hr</u>	
<u>TPY</u>				
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	Compressor Seal	CO		Startup
Emissions Only	Leakage Collection Pot			
32, 33	Reformer F-101 Heater	VOC	0.79	3.46
		NO <sub>x</sub>	190.32	833.60
		CO	22.40	98.11
		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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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lbs/hr</u>
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<u>TPY</u>				
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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Point No. (1)	Name (2)	Name (3)	lbs/hr
TPY			

Dated \_\_\_\_\_