

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6679

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	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>		<u>Name</u>	
<u>(3)</u>	<u>lb/hr</u>	<u>TPY</u>		
FL-1	Flare	VOC	21.15	32.0
EPP1	Fugitive EPP (4)	VOC	1.51	6.0
Pent1	Fugitive Pent (4)	VOC	10.63	46.55
SOCMIFUG	Fugitives from Valves and Flanges (4)	VOC	1.05	4.16
B1	Boiler 1	POC	1.97	8.63
B2	Boiler 2	POC	9.77	42.81
P-1 through P-8	Filters 1 through 8 (5)	PM	3.44	15.04
T-1 through T-3	Tanks 1 through 3	VOC	0.42	1.62
R-1 through R-6	Reactors 1 through 6	VOC	0.12	0.48
R-8 and R-10	Reactors 8 and 10	VOC	0.10	0.36
R-11, R-12, R-14, and R-17	VOC	Reactors 11, 12, 14, and 17 0.24	1.0	
R-TD	Reactor TD	VOC	<0.01	0.02

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D-1 and D-2	Diesel Tanks 1 and 2	VOC	<0.01	0.01
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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) POC - products of combustion:  
VOC, PM, NO<sub>x</sub>, SO<sub>2</sub>, and CO  
VOC - volatile organic compounds as defined in General Rule 101.1  
PM - particulate matter  
NO<sub>x</sub> - nitrogen oxide  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) One or more filters may be used in place of the eight originally proposed filters as long as PM emission rates do not increase above the specified allowable rates.

\* 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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Dated\_\_\_\_\_