

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6679

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit. The annual rates are based on a rolling 12-month period.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY</u>
FL-1	Flare	VOC	21.15	32.0
EPP1	Fugitive EPP	VOC	1.51	6.0
Pent1	Fugitive Pent	VOC	10.63	46.55
SOCMIFUG	Fugitives from Valves and Flanges	VOC	1.05	4.16
B1	Boiler 1	POC	2.16	9.46
B2	Boiler 2	POC	4.96	21.74
P-1 through P-8	Filters 1 through 8 (4)	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
D-1 and D-2	Diesel Tanks 1 and 2	VOC	<0.01	0.01

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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(2) Specific point source name.

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- (3) POC - products of combustion: VOC, PM, NO_x, SO₂, and CO
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter equal to or less than 10 microns in diameter.
Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
NO_x - nitrogen oxide
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) 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.

Facilities may operate 8,760 hours per year

Dated _____