

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5953

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.

Emission Point No. (1)	Source Name (2)	Name (3)	AIR CONTAMINANTS DATA		
			Air Contaminant		<u>Emission Rates *</u>
			lb/hr	TPY	
RH-2631	Reformer No. 3 Combined Heaters		SO ₂	19.0	83.0
			NO _x	32.4	142.0
			PM ₁₀	7.4	32.4
			CO	11.1	48.5
			VOC	1.5	6.6
T50	Tank 50		NMVOC	1.2	2.3
T342	Tank 342		NMVOC	1.8	3.4
T824	Tank 824		NMVOC	1.2	2.4
R3-V1	Reformer No. 3 Catalyst Regeneration Vent		PM ₁₀	0.04	0.20
			HCl	0.80	3.50
			Cl ₂	0.20	0.90
F-PRE-3	Reformer No. 3 Fugitives		NMVOC	7.4	32.5

- (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) PM₁₀ - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
Cl₂ - chlorine
HCl - hydrogen chloride
NMVOC- non-methane volatile organic compounds
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
schedule:				
<u>24</u> Hrs/day <u>7</u> Days/week <u>52</u> Weeks/year or <u>8,760</u> Hrs/year				

Dated_____