

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3403

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.

The following Emission Rates Apply when Fuel Oil is Fired.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
10	HYCO No. 2 Reformer Furnace Stack	SO ₂	49.29	91.3
		SO ₃	1.79	3.32
		NO _x	52.74	97.7
		CO	6.28	11.63
		PM	2.51	4.65
		VOC	0.95	1.77

The following Emission Rates Apply when Natural Gas is Fired.

10	HYCO No.2 Reformer Furnace Stack	SO ₂	2.64	11.6
		NO _x	12.95	56.7
		CO	7.40	32.4
		PM	0.93	4.1
		VOC	0.26	1.1

- (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
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - particulate matter
 - CO - carbon monoxide
 - SO₃ - sulfur trioxide

* Emission rates are based on and the facilities are limited by the following maximum operating schedule when natural gas is fired:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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>

Dated_____