

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6328

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 Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
H-004	Lube HDS Charge Heater			VOC	0.04	0.2
				NOx	0.33	1.4
				SO2	0.33	1.0
				PM10	0.08	0.4
				CO	0.33	1.4
H-015	Lube Crude Heater/ Vacuum Charge Htr (5)			VOC	0.09	0.4
				NOx	0.83	3.6
				SO2	0.82	2.5
				PM10	0.21	0.9
				CO	0.83	3.6
F-1000	Lube Crude Fugitives (4)			VOC	4.00	17.5
F-0400	Lube HDS Fugitives (4)			VOC	3.20	14.0

- (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  
 NOx - total oxides of nitrogen  
 SO2 - sulfur dioxide  
 PM10 - particulate matter less than 10 microns in diameter  
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Two heaters (H1001 & H1002) share a common convection section and stack.

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

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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

Hrs/day\_\_\_\_Days/week\_\_\_\_Weeks/year\_\_\_\_or Hrs/year 8,760

Dated\_\_\_\_\_