

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18576

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	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
IRUFUG	IRU Fugitives (4)	VOC	7.48	32.76
NTFFUG	North Tank Farm Fugitives (4) 0.94	VOC		0.21
SITE3FE	Site III Fugitives (4)	VOC	4.69	20.54
A1301	A&S Flare (5)	VOC	13.83	6.60
		NO <sub>x</sub>	6.18	23.59
		SO <sub>2</sub>	3.42	14.98
		CO	4.97	3.99
OP2	OP-2 Cooling Tower	VOC	0.36	1.56
TBD301	Tank T-BD-301	VOC	0.3	0.8

- (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<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 CO - carbon monoxide

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- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions for this flare include those from grandfathered sources: hydrogen from the H-Plant and M-Plant and propylene from Site-III propylene loading.

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

\_\_\_\_\_ Hrs/day \_\_\_\_\_ Days/week \_\_\_\_\_ Weeks/year or 8,760  
Hrs/year

Dated\_\_\_\_\_