

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

16754

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		
IE1	Lo-Cat Unit Incinerator			VOC	0.55	2.40
				NOx	4.57	20.00
				SO2	16.48	72.00
				CO	12.34	54.00
				H2S	≤.10	≤.10
				TRS	1.20	5.25
T1	DEA Storage Tank			VOC	≤.10	≤.10
TE1, TE1-R	Turbine Generator			VOC	0.30	1.30
				NOx	85.50	374.80
				SO2	0.10	0.60
				PM	≤.10	≤.10
				CO	81.70	358.10
FE1	Process Flare			NOx	0.10	0.40
				SO2	12.10	53.00
				PM	≤.10	≤.10
				CO	≤.10	≤.10
				TRS	0.10	0.60
				SO3	≤.10	0.30
F1-6	Fugitives (4)			VOC	4.16	62.07
				H2S	0.13	0.53
				DEA	0.76	3.33
				TRS	0.02	0.10

- (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) PM - particulate matter

VOC - volatile organic compounds as defined in General Rule 101.1

NOx - total oxides of nitrogen

SO2 - sulfur dioxide

CO - carbon monoxide

H2S - hydrogen sulfide

16754

Page 2 of 2

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TRS - total reduced sulfur

SO3 - sulfur trioxide

DEA - diethanolamine

- (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 schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8760

Revised\_\_\_\_\_