

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
IE1	Lo-Cat Unit Incinerator	VOC	0.55	2.40
		NO _x	4.57	20.00
		SO ₂	16.48	72.00
		CO	12.34	54.00
		H ₂ S	<0.10	<0.10
		TRS	1.20	5.25
T1	DEA Storage Tank	VOC	<0.10	<0.10
TE1, TE1-R	Turbine Generator	VOC	0.30	1.30
		NO _x	85.50	374.80
		SO ₂	0.10	0.60
		PM	<0.10	<0.10
		CO	81.70	358.10
FE1	Process Flare	Emergency Service		
F1-6	Fugitives (4)	VOC	4.16	62.07
		H ₂ S	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.

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- (3) PM - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
H₂S - hydrogen sulfide
TRS - total reduced sulfur
DEA - diethanolamine
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Except as specified above, emission rates are based on and the facilities are limited by the following maximum operating schedule:
Hrs/year 8,760

Dated _____