

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 69A

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 Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
T-A-0	No. 17 Load Spot	VOC	0.14	0.06
T-A-1	No. 16 Load Spot	VOC	0.05	0.06
T-A-5	No. 23 Load Spot	VOC	0.05	0.06
T-A-6	No. 24 Load Spot	VOC	0.09	0.06
T-G-5	T-6144	VOC	0.03	0.04
T-H-6	T-6148	VOC	0.13	0.13
F-A-1	Solvent Load Spot	VOC	0.35	0.06
G-A-3/G-A-4	Loading	VOC**	2.99	<0.01
		VOC	0.14	0.06
G-D-1	Wet DEA Flare	VOC	28.96	19.65
		NO <sub>x</sub>	3.18	1.06
		CO	16.18	5.41
G-I-5/G-D-4	D-5109/D-5140 Vent	VOC	<0.01	<0.01
G-E-1	Stripper Vent	VOC	0.22	0.15
G-E-2	Overhead Drum Vent	VOC	0.15	0.43
G-E-3/G-H-5	Neutralizer Vent	VOC	<0.01	<0.01
G-G-3/G-D-3	Crude Storage	VOC	0.36	0.23
G-G-4	Recycle Storage	VOC	<0.01	<0.01
G-G-5	Recycle Storage	VOC	0.03	0.04

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
G-G-6/G-D-3	T-5133/D-5141 Storage	VOC	0.22	0.02
G-G-7/G-D-4	T-5140/D-5140 Storage	VOC	0.36	0.23
G-G-8	Aniline Storage	VOC	0.60	0.53
G-G-9A	Product Storage	VOC	0.04	0.09
G-G-9B	Product Storage	VOC	0.03	0.05
G-G-9C	Product Storage	VOC	0.03	0.05
G-H-5	T-5130	VOC	<0.01	<0.01
G-I-4	Recycle Water Storage	VOC	<0.01	<0.01
G-GZ-0	Fugitives (4)	VOC	0.33	1.46

- (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 30 Texas Administrative Code Section 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide
- (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\_\_\_Days/week\_\_\_Weeks/year\_\_\_or Hrs/year 8,760

\*\* These lb/hr and TPY emission rates allowed during product changeovers for a maximum of 16 hrs/yr.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

Dated April 30, 2001