

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9390A

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) <u>TPY</u>	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	
C-2	Compressor Engine C-2 (5)	VOC	0.1	0.1
		NO <sub>x</sub>	7.2	23.4
		CO	0.9	2.9
C-3	Compressor Engine C-3 (5)	VOC	0.1	0.1
		NO <sub>x</sub>	10.6	34.3
		CO	1.4	4.3
C-4	Compressor Engine C-4 (5)	VOC	0.1	0.1
		NO <sub>x</sub>	10.6	4.6
		CO	1.4	0.6
C-5	Compressor Engine C-5 (5)	VOC	0.1	0.1
		NO <sub>x</sub>	10.6	34.3
		CO	1.4	4.3
C-8	Compressor Engine C-8 (5)	VOC	0.1	0.1
		NO <sub>x</sub>	5.4	2.4
		CO	0.7	0.3
C-9	Compressor Engine C-9	VOC	0.2	0.1
		NO <sub>x</sub>	15.2	66.7
		CO	1.9	8.5
C-10	Compressor Engine C-10	VOC	0.2	0.1
		NO <sub>x</sub>	14.5	63.7
		CO	1.9	8.1

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			<u>lb/hr</u>	<u>TPY</u>
Dehy H	Dehy Reboiler	VOC	0.01	0.01
		NO <sub>x</sub>	0.03	0.16
		CO	0.03	0.14
		PM <sub>10</sub>	0.01	0.01
Dehy V	Dehy Vent	VOC	1.38	4.51
Flare	Emergency Flare Pilot	NO <sub>x</sub>	0.01	0.02
		CO	0.01	0.01
F-Plant	Plant Fugitives (4)	VOC	0.21	0.90
F-Eng	Engine Fugitives (4)	VOC	0.03	0.13
Lube Tk	Lube Oil Tank	VOC	0.01	0.01
Slop Tk	Slop Oil Tank	VOC	0.01	0.01

- (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 Title 30 Texas Administrative Code § 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 CO - carbon monoxide  
 PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) This Compressor Engine is operating under Permit By Rule Registration Number 51459 and is shown here for information.

\* 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

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

Dated July 26, 2002