

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. PSD-TX-655

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)	Emission Rates *	
			lb/hr	TPY
F2	Fugitives (4) (Butamer Units)	VOC	4.89	21.4
2	Solar Centaur Turbines (West Texas Fractionator)	VOC	0.14	0.6
		NO <sub>x</sub>	21.5	94.0
		CO	6.37	2
3	Solar Centaur Turbines (West Texas Fractionator)	VOC	0.14	0.6
		NO <sub>x</sub>	21.5	94.0
		CO	6.37	2.79
4	Solar Centaur Turbines (West Texas Fractionator)	VOC	0.09	0.4
		NO <sub>x</sub>	14.3	62.7
		CO	4.2	18.6
5	Supplemental Firing and Minor Sources (West Texas Fractionator)	VOC	0.14	0.6
		NO <sub>x</sub>	5.4	23.5
		CO	1.19	5.2
F3	Fugitives (4) (West Texas Fractionator)	VOC	2.78	12.9
6	IR-Allison Turbines (Deisobutanizer Units)	VOC	0.14	0.6
		NO <sub>x</sub>	14.7	64.4
		CO	2.1	9.2
7	IR-Allison Turbines (Deisobutanizer Units)	VOC	0.14	0.6
		NO <sub>x</sub>	14.7	64.4
		CO	2.1	9.2
8	IR-Allison Turbines	VOC	0.14	0.6

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
9	(Deisobutanizer Units)	NO <sub>x</sub>	14.7	64.4
		CO	2.1	9.2
	IR-Allison Turbines (Deisobutanizer Units)	VOC	0.14	0.6
		NO <sub>x</sub>	14.7	64.4
		CO	2.1	9.2

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
F4	Fugitives (4) (Deisobutanizer Units)	VOC	3.81	16.7
10	IR-Allison Turbines and Supplemental Firing (Seminole Fractionator)	VOC	0.39	1.7
		NO <sub>x</sub>	27.4	120.3
		CO	4.5	19.8
11	IR-Allison Turbines (Cogeneration Facilities)	VOC	0.18	0.8
		NO <sub>x</sub>	19.6	85.8
		CO	2.8	12.2
F6	Fugitives (4) (Seminole Fractionator)	VOC	2.95	12.9
F7	Fugitives (4) (CO <sub>2</sub> Removal Unit)	VOC	0.29	1.28
F8	Fugitives (4) (Energy Improvement Project)	VOC	2.58	11.32

(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

CO - carbon monoxide

CO<sub>2</sub> - carbon dioxide

(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 \_\_\_\_\_ 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 \_\_\_\_\_