

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6257F

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
P-5	EG Dehydration System Vacuum Vent Condenser	VOC	0.19	0.80
P-6	MEG Col Vacuum Vent Condenser	VOC	0.38	1.60
P-8	DEG/TEG Condenser	VOC	30.58	0.05
P-10	Glycol Recovery Vacuum Vent Condenser	VOC	0.38	1.60
P-26	Glycol Refinery Accumulator	VOC	0.53	2.34
P-27	Glycol Recovery Accumulator	VOC	0.02	0.09
TK-5417	Mixed Glycols and Water Tank	VOC	0.12	0.05
TK-5423	Glycols Tank	VOC	0.03	0.01
TK-5424	Glycols Tank	VOC	0.03	0.01
TK-5425	Glycols Tank	VOC	0.01	0.01
TK-5426	Glycols Tank	VOC	0.01	0.01
TK-5427	Glycols Tank	VOC	0.01	0.01
TK-5428	Glycols Tank	VOC	0.01	0.01
TK-5432	Glycols Tank	VOC	0.01	0.01
TK-5433	Glycols Tank	VOC	0.01	0.01

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TK-5444	Mixed Glycols Tank	VOC	0.02	0.01
TK-5445	Glycols Tank	VOC	0.15	0.01
TK-6005	Glycols Tank	VOC	0.15	0.02
TK-6006	Glycols Tank	VOC	0.15	0.02
TK-6007	Glycols Tank	VOC	0.15	0.02
TK-6010	Glycols Tank	VOC	0.30	0.06
TK-6011	Glycols Tank	VOC	0.01	0.01
TK-6012	Glycols Tank	VOC	0.01	0.01
TK-6013	Glycols Tank	VOC	0.01	0.01
TK-6014	Glycols Tank	VOC	0.01	0.01
TK-6015	Glycols Tank	VOC	0.06	0.01
TK-6016	Glycols Tank	VOC	0.06	0.01
TK-6019	Glycols Tank	VOC	0.01	0.01
RESLOAD	Residue Loading	VOC	0.01	0.01
LOAD	Uncontrolled Loading	VOC	2.59	0.97
P-101	EA Vent	VOC	0.02	0.10

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			<u>lb/hr</u>	<u>TPY</u>
P-102	MEA, DEA, TEA Columns Vent Condenser	VOC	0.07	0.30
P-105	GE/EA Batch Tanks Scrubber	VOC NH <sub>3</sub>	1.93 1.30	5.03 1.60
P-106	EA Tanks Scrubber	VOC	0.18	0.02
P-201	Ethers Condenser	VOC	52.52	0.53
P-204	Raw Materials Tanks Scrubber	VOC NH <sub>3</sub>	3.13 1.00	0.74 0.88
P-205	GE/GEA Scrubber	VOC	1.32	1.60
P-301	Acetates Scrubber	VOC	8.41	5.31
P-303	Loading Scrubber	VOC	2.52	2.69
TK-4620	Glycol Ethers Tank	VOC	0.20	0.02
TK-4621	Glycol Ethers Tank	VOC	0.20	0.02
TK-4622	Glycol Ethers Tank	VOC	0.15	0.06
TK-4624	Glycol Ethers Tank	VOC	0.15	0.11
TK-4636	Glycol Ethers Tank	VOC	0.01	0.01
TK-4638	Glycol Ethers Tank	VOC	0.15	0.08
TK-4639	Glycol Ethers Tank	VOC	0.15	0.03

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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>
TK-4641	Glycol Ethers Tank	VOC	0.15	0.08
TK-4642	Glycol Ethers Tank	VOC	0.07	0.01
TK-4644	Glycol Ethers Tank	VOC	0.15	0.12
TK-4645	Glycol Ethers Tank	VOC	0.15	0.13
TK-4646	Glycol Ethers Tank	VOC	0.15	0.08
TK-4647	Glycol Ethers Tank	VOC	0.15	0.08
TK-4648	Glycol Ethers Tank	VOC	0.15	0.08
TK-4649	Glycol Ethers Tank	VOC	0.01	0.03
TK-4650	Glycol Ethers Tank	VOC	0.01	0.01
TK-4651	Glycol Ethers Tank	VOC	0.01	0.01
TK-4652	Glycol Ethers Tank	VOC	0.01	0.01
TK-4653	Glycol Ethers Tank	VOC	0.01	0.02
TK-6702	Diesel Tank	VOC	0.01	0.01
TK-6703	Gasoline Tank	VOC	5.55	0.07
EODFUG	EO Derivatives Fugitives (4)	VOC	4.03	17.65
		NH <sub>3</sub> 0.03	0.13	

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			<u>lb/hr</u>	<u>TPY</u>

- (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  
NH<sub>3</sub> - ammonia
- (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

Dated\_\_\_\_\_