

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-101	EA Vent	VOC	0.02	0.10
P-102	MEA, DEA, TEA Columns Vent Condenser	VOC	0.07	0.30
P-105	GE/EA Batch Tanks Scrubber	VOC	1.16	0.14
		NH ₃	1.30	1.60
P-106	EA Tanks Scrubber	VOC	0.18	0.02
EODFUG	EO Derivatives Fugitives (4)	VOC	4.07	17.80
LOAD	Ethanolamines Loading	VOC	0.81	0.97
RESLOAD	Residue Loading	VOC	2.00	1.95
WFE VENT	TEA/WFE Vent	VOC	0.07	0.30
P-204	Raw Materials Tanks Scrubber	VOC	3.84	0.90
		NH ₃	1.0	0.88
P-205	GE/GEA Scrubber	VOC	1.38	3.00
P-206	Heavy Ethers Railcar Loading (R-8) (5)	VOC	0.01	<0.01
P-207	Heavy Ethers Tank Truck Loading (T-5) (5)	VOC	0.01	<0.01
P-208	Heavy EA Tank Truck Loading (T-3) (5)	VOC	0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
P-301	Acetates Scrubber	VOC	1.65	5.29
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
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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
TK-4641	Glycol Ethers Tank	VOC	0.15	0.08
TK-4642	Glycol Ethers Tank	VOC	0.07	<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 30 Texas Administrative Code Section 101.1
NH₃ - ammonia
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) These emission limits represent the total emissions from both Railcar (EPN 206) and Tank Truck (EPNs 207 and 208) loading; therefore, emissions are not additive.

* 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_____