Emission Sources - Maximum Allowable Emission Rates

Permit Number 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, sources, and related activities. 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	
			lbs/hour	TPY (4)
P-5	EG Dehydation System Vacuum Vent Condenser, 14-5121	VOC	0.23	0.97
P-6	MEG Col Vacuum Vent Condenser, 14-5231	VOC	0.46	1.93
P-8	DEG/TEG Vent Condenser, 14-5234	VOC	0.07	0.31
P-10	Glycol Recovery Vacuum Vent Condenser, 14-4506	VOC	0.46	1.93
P-16	14-6500 Vent Condenser (Aqueous) for EG Flash Tank 28-6503	VOC	1.22	0.08
P-17	14-6501 Vent Condenser (organics) for Organic Waste Storage Tank 28-6500	VOC	0.46	0.02
P-101	EA Vent	VOC	0.02	0.10
P-102	EA Refinery Vacuum System After Condenser, 14-4652	VOC	0.08	0.33
P-105	GE/EA Batch Tanks Scrubber, 30-4607	VOC	14.96	0.62
P-106	EA Tanks Scrubber, 30-4610	VOC	0.29	0.09
P-201	Ethers Condenser	VOC	1.85	0.22
P-204	Raw Materials Tanks Scrubber, 30-4609	VOC	4.35	0.86
P-205	GE/GEA Scrubber,30-4608	VOC	0.25	0.34
P-301	Acetates Scrubber, 30-4700	VOC	3.01	0.70
P-303	Loading Scrubber, 30-4611	VOC	1.39	0.48
TK-4620	Ethylene Glycol Ethers Tank	VOC	0.16	0.23
TK-4621	Ethylene Glycol Ethers Tank	VOC	0.16	0.23
TK-4622	Ethylene Glycol Ethers Tank	VOC	0.08	0.21
TK-4624	Ethylene Glycol Ethers Tank	VOC	0.26	2.13
TK-4636	Flash Residue	VOC	7.06	0.95
TK-4638	Ethylene Glycol Ethers Tank	VOC	1.76	0.62

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TK-4639	Ethylene Glycol Ethers Tank	VOC	0.07	0.23
TK-4641	Ethylene Glycol Ethers Tank	VOC	0.54	0.18
TK-4642	Storage Tank	VOC	0.96	<0.01
TK-4644	Ethylene Glycol Ethers Tank	VOC	2.05	1.28
TK-4645	Ethylene Glycol Ethers Tank	VOC	0.25	0.28
TK-4646	Ethylene Glycol Ethers Tank	VOC	2.05	1.28
TK-4647	Ethylene Glycol Ethers Tank	VOC	2.05	1.25
TK-4648	Ethylene Glycol Ethers Tank	VOC	0.94	1.25
TK-4649	Ethylene Glycol Ethers Tank	VOC	0.08	0.01
TK-4650	Ethylene Glycol Ethers Tank	VOC	0.08	0.01
TK-4651	Glycols Tank	VOC	0.08	<0.01
TK-4652	Glycols Tank	VOC	0.08	0.01
TK-4653	Glycols Tank	VOC	0.08	0.01
TK-5417	Glycols Tank	VOC	1.50	0.67
TK-5423	Glycols Tank	VOC	1.29	0.13
TK-5424	Glycols Tank	VOC	1.29	0.13
TK-5427	Glycols Tank	VOC	0.03	0.02
TK-5428	Glycols Tank	VOC	0.03	0.02
TK-5432	Glycols Tank	VOC	0.86	0.65
TK-5433	Glycols Tank	VOC	0.86	0.65
TK-5444	Glycols Tank	VOC	1.33	0.03
TK-5445	Glycols Tank	VOC	0.72	0.02
TK-6005	Glycols Tank	VOC	0.41	0.10
TK-6006	Glycols Tank	VOC	0.41	0.10
TK-6007	Glycols Tank	VOC	0.41	0.10
TK-6010	Glycols Tank	VOC	0.41	0.18
TK-6011	Glycols Tank	VOC	0.29	0.02
TK-6012	Glycols Tank	VOC	0.29	0.02
TK-6013	Glycols Tank	VOC	0.29	<0.01

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TK-6014	Glycols Tank	VOC	0.29	<0.01
TK-6015	Glycols Tank	VOC	1.49	0.28
TK-6016	Glycols Tank	VOC	1.49	0.28
TK-6019	Glycols Tank	VOC	0.38	0.03
TK-6702	Diesel Tank	VOC	0.19	<0.01
TK-6703	Gasoline Tank	VOC	9.87	0.09
TK-3240	Gasoline Tank	VOC	39.48	0.14
TK-3241	Diesel Tank	VOC	0.19	<0.01
Degreaser	EOD Unit Degreaser	VOC	<0.01	0.04
LOAD	Uncontrolled Loading	VOC	10.33	1.40
EODLOAD	EOD Unit Loading	VOC	6.83	0.02
EODFUG	EOD Fugitives (5)	VOC	6.66	29.18
P-CAS	Vent Condenser Carbon System for Glycol Refinery	VOC	0.03	0.15
P-CAS2	Vent Condenser for Carbon System for Glycol Recovery	VOC	0.03	0.15

(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
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: November 19, 2020