

Emission Sources - Maximum Allowable Emission Rates

Permit Number 3046

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)(7)	Emission Rates	
			lbs/hour	TPY (4)
57K7	Wastewater Tank 57T5 Vent from Carbon Adsorption System	Phenol	0.01	0.01
		VOC	0.01	0.01
57T11	DPO Storage Tank	DPO	0.73	
57T16	DPO Storage Tank	DPO	0.73	
57T32	DPO Storage Tank	DPO	0.73	
57T35	DPO Storage Tank	DPO	0.73	
57T11, 57T16, 57T32, 57T35	DPO Storage Tanks (Cap)	DPO		0.05
57E22	Condenser	DPO	4.21	0.04
		Phenol	3.14	0.46
		VOC	0.01	0.01
57K1	Regeneration Vent, Trains 1 and 2	CO	32.20	13.40
		Phenol	1.00	0.55
		DPO	0.03	0.02
57T20	Wastewater Sump	Phenol	0.01	0.01
		DPO	0.01	0.01
		VOC	0.01	0.01
57T21	Wastewater Sump	Phenol	0.01	0.01
		DPO	0.01	0.01
		VOC	0.01	0.01
320T671-6	Phenol Storage Tank	Phenol	4.04	0.60
323T12	Unloading Line Liquid Catch Tank	Phenol	0.01	0.01

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DPO-LOAD	Loading System	DPO	0.37	0.08
DPO-MSS	Storage Tank and Sump Cleaning (6)	DPO	<0.01	<0.01
PHENOL-UNLOAD	Phenol Tank Car Heating & Maintenance	Phenol	0.08	0.01
DPO-FUG	Fugitives (5)	Phenol	0.17	0.75
		DPO	0.01	0.01
PHENOL-FUG	Distribution Area Fugitives (5)	Phenol	<0.01	0.01
PHENOL-TRANSFER-FUG	Distribution Transfer Area Fugitives (5)	Phenol	<0.01	<0.01

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide
DPO - diphenyl oxide
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.
- (6) Planned maintenance, start-up, and shutdown emissions.
- (7) VOC excludes DPO and Phenol.

Date: March 16, 2016