

Emission Sources - Maximum Allowable Emission Rates

Permit Number 45437

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)
EP001	Two Scrubbers (controlling Ethanol Storage Tank EtOH1, EtOH2, and Acetators A-1, A-2, A-3, and A-4)	VOC	1.23	5.40
		HAP	0.08	0.33
EP013	Scrubber (controlling Ethanol Storage Tank EtOH3 and Acetators A-5 & A-6)	VOC	0.36	1.58
		HAP	0.03	0.15
EP002	Discharge Storage Tanks	VOC	0.12	0.12
		HAP	<0.01	<0.01
EP003	Blending Cutting Storage Tanks	VOC	1.82	0.41
		HAP	0.02	0.01
EP004	Bulk Transfer	VOC	0.19	0.02
		HAP	<0.01	<0.01
EP005	Packaging	VOC	0.04	0.46
		HAP	<0.01	<0.01
EP006	Feedstock Recovery Storage	VOC	0.02	0.01
		HAP	<0.01	<0.01
EP010	Cooling Towers 1 & 2	PM	0.06	0.28
		PM ₁₀	0.06	0.28
		PM _{2.5}	0.06	0.28
EP016	Cooling Tower 3	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02

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EP011	Parts Washer	VOC	0.06	0.25
EP012	Wastewater Tanks	VOC	0.04	0.01
		HAP	<0.01	<0.01
FUG	Fugitives (5)	VOC	1.16	5.09

- (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
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (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: June 18, 2014