

Emission Sources - Maximum Allowable Emission Rates

Permit Number 4830

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 (5), (7)	
			lbs/hour	TPY (4)
S-1	Fabrication Shop Operations Building Spray-up and Hand Lay-up Trim and Grind	VOC	9.84	--
		Acetone	10.38	--
		PM	<0.10	--
		PM ₁₀	<0.10	--
		PM _{2.5}	<0.10	--
S-2	Tank Shop Operations Building Hoo0 1 Chop, Wind, RT Mold, Clean-up, Trim and Grind	VOC	8.58	--
		Acetone	10.38	--
		PM	<0.10	--
		PM ₁₀	<0.10	--
		PM _{2.5}	<0.10	--
S-1 and S-2	Combined Fabrication Shop and Tank Shop Operations	VOC	--	24.99
		Styrene	--	9.99
		Acetone	--	3.99
		PM	--	<0.2
		PM ₁₀	--	<0.2
		PM _{2.5}	--	<0.2
All Emission Points at the Site (6)	All Sources at the Site	Individual HAP	--	<10.00
		All HAPs	--	<25.00

- (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.

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- (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
 - 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}
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
 - 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) The allowable emission rates include planned maintenance, startup, and shutdown activities.
- (6) These HAP limits are being included so that a Title V permit is not required; however, due to the EPA's "once-in always-in" policy, the requirements of 40 CFR Part 63, Subpart WWWW (National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production) are applicable since this site did not have enforceable HAP limits prior to the final compliance date of April 21, 2006.
- (7) Emission rates are based on and the facilities are limited by the following maximum operating schedule: 16 hours/day, 7 days/week, 52 weeks/year.

Date: October 23, 2013