

Emission Sources - Maximum Allowable Emission Rates

Permit Number 138491

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)	
			lbs/hour	TPY (4)
TO-1	Regenerative Thermal Oxidizer Controlling Spray Coating Booth, Resin Mixing, Pultrusion Wet-out Enclosure (for regular sized parts), Continuous Panel Line Wet-out Enclosure	VOC	16.81	-----
		Styrene	5.63	-----
		Methyl Methacrylate	5.63	-----
		Toluene	0.30	-----
		Methyl Ethyl Ketone	0.09	-----
		NO _x	3.91	5.68
		CO	1.38	3.19
		SO ₂	< 0.01	0.02
		PM	0.59	0.67
		PM ₁₀	0.44	0.55
		PM _{2.5}	0.40	0.51
RF-1	Resin Transfer Molding and Compression Molding Fugitives	VOC	0.99	-----
		Styrene	0.50	-----
		Methyl Methacrylate	0.50	-----
RF-2 to RF-7	Tank Loading Resin Transfer Molding and Compression Molding Fugitives	VOC	12.00	-----
		Styrene	3.50	-----
		Methyl Methacrylate	3.50	-----
DC-1 to DC-6	Particulate Dust Emissions from Continuous Lamination Cutting/Trimming, Pultrusion Cutting/Trimming, Fabrication Cutting	PM	0.06	0.25
		PM ₁₀	0.06	0.25
		PM _{2.5}	0.06	0.25
TO-1 and RF-1 through RF-7	TO-1 and RF-1 through RF-7	Total VOC	-----	< 24.50
All Emission Points at the Site	All Emission Points at the Site	Single HAP		< 10.00
All Emission Points at the Site	All Emission Points at the Site	Total HAPs		< 24.50

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the Site				
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- (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
 - NO_x - total oxides of nitrogen
 - 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
 - CO - carbon monoxide
 - SO₂ - sulfur dioxide
 - 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.

Date: August 30, 2017