

Emission Sources - Maximum Allowable Emission Rates

Permit Number 19812

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)
1	Solvent/Hand-Applied Fugitive Usage	VOC	43.98	16.33
		Exempt Solvents	0.25	<0.01
3	Cure Autoclaves (two)	VOC	19.20	
		Exempt Solvents	0.75	
4	Cure Autoclave (one)	VOC	9.60	
		Exempt Solvents	0.38	
25	Cure Autoclave (one)	VOC	9.60	
		Exempt Solvents	0.38	
28	Cure Autoclave (one)	VOC	9.60	
		Exempt Solvents	0.38	
30	Cure Autoclave (one)	VOC	9.60	
		Exempt Solvents	0.38	
3, 4, 25, 28, and 30	Cure Autoclaves (six)	VOC		4.15
		Exempt Solvents		0.01
14	Wear Strip Vent Hood and Oven	VOC	1.09	0.27
16	OGV Cure Autoclave	VOC	0.09	0.02
		Exempt Solvents	0.15	0.01
11	Electric Oven	VOC	1.15	
12	Electric Oven	VOC	1.15	
13	Electric Oven	VOC	1.15	

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15	Vacuum Vent for Ovens	VOC	1.15	
26	Electric Oven	VOC	1.15	
11, 12, 13, 15, and 26	Ovens (four) and Vacuum Vent – Traditional Curing	VOC		0.31
19	Bond Autoclave	VOC	3.36	
		Exempt Solvents	0.23	
20	Bond Autoclave	VOC	3.36	
		Exempt Solvents	0.23	
21	Bond Autoclave	VOC	3.36	
		Exempt Solvents	0.23	
22	Bond Autoclaves	VOC	3.36	
		Exempt Solvents	0.23	
19, 20, 21, and 22	Bond Autoclaves (four)	VOC		4.15
		Exempt Solvents		0.01
5	Robotic Paint Booth	VOC	4.32	
		PM	0.01	
		PM ₁₀	0.01	
		PM _{2.5}	0.01	
23	Manual Paint Booth	VOC	4.32	
		PM	0.01	
		PM ₁₀	0.01	
		PM _{2.5}	0.01	

5 and 23	Paint Booths (two)	VOC		3.95
		PM		0.01

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		PM ₁₀		0.01
		PM _{2.5}		0.01
18	Robotic Paint Booth Drying Oven	VOC	0.13	
24	Manual Paint Booth Drying oven	VOC	0.13	
18, 24, 11, 12, 13, and 26	Paint Drying Ovens (six) – Painted Parts Drying	VOC		0.12
Site-Wide	All Sources at Site	Single HAPs		<10.00
		Total 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.
- (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.

Date: September 3, 2014