

Emission Sources - Maximum Allowable Emission Rates

Permit Number 23270

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)
GCB01	Gelcoat Booths 1 and 5	VOC (including styrene)	22.18	13.56
		Styrene	13.26	11.10
GCB02	Gelcoat Booths 2 and 6	VOC (including styrene)	22.18	13.56
		Styrene	13.26	11.10
GCB03	Gelcoat Booth 3	VOC (including styrene)	11.10	6.78
		Styrene	6.63	5.55
GCB04	Gelcoat Booth 4	VOC (including styrene)	11.10	6.78
		Styrene	6.63	5.55
LU05	Lamination Area 5	VOC (including styrene)	5.90	7.13
		Styrene	3.82	5.12
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		ES	1.99	1.30
LU06	Lamination Area 6	VOC (including styrene)	5.90	7.13
		Styrene	3.82	5.12
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		ES	1.99	1.30

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LU07	Lamination Area 7	VOC (including styrene)	5.90	7.13
		Styrene	3.82	5.12
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		ES	1.99	1.30
LU08	Lamination Area 8	VOC (including styrene)	5.90	7.13
		Styrene	3.82	5.12
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		ES	1.99	1.30
LU09	Lamination Area 9	VOC (including styrene)	5.90	7.13
		Styrene	3.82	5.12
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		ES	1.99	1.30
LU10	Lamination Area 10	VOC (including styrene)	5.90	7.13
		Styrene	3.82	5.12
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		ES	1.99	1.30

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LU11	Lamination Area 11	VOC (including styrene)	5.90	7.13
		Styrene	3.82	5.12
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		ES	1.99	1.30
LU12	Lamination Area 12	VOC (including styrene)	5.90	7.13
		Styrene	3.82	5.12
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		ES	1.99	1.30
LU13	Lamination Area 13	VOC (including styrene)	5.90	7.13
		Styrene	3.82	5.12
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		ES	1.99	1.30
GCB14	Gelcoat Booth 14	VOC (including styrene)	3.28	3.40
		Styrene	1.60	1.95
RD01	Research and Development	VOC (including styrene)	11.26	4.80
		Styrene	6.21	2.31
FUG04	Warranty Repair	VOC (including styrene)	6.79	0.15
		Styrene	3.99	0.11
ADH03	Upholstery Shop	VOC (including styrene)	3.04	0.41
		Styrene	0.04	<0.01
		ES	3.84	0.52
SP01	Small Parts Building (Gelcoat and Lamination)	VOC (including styrene)	46.60	31.64
		Styrene	33.80	23.75

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		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01

- (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) ES(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
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Allowable emission rates include planned startup and shutdown activities.

Date: March 3, 2023