

Emission Sources - Maximum Allowable Emission Rates

Permit Number 19392

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 (4)	
			lbs/hour	TPY (5)
1, 2	Combined Emissions from Gelcoat Booth Stacks 1 and 2	VOC (including Styrene and MMA)	6.46	7.12
		Styrene	6.46	5.30
		Methyl methacralate (MMA)	2.21	1.82
		Acetone	2.24	1.86
		VOC (6)	0.01	0.02
		NO _x (6)	0.19	0.29
		CO (6)	0.16	0.25
		SO ₂ (6)	<0.01	<0.01
		PM (6)	0.01	0.02
		PM ₁₀ (6)	0.01	0.02
		PM _{2.5} (6)	0.01	0.02
3, 4, 5, and 6	Combined Emissions from Lamination Area Stacks 3, 4, 5, and 6	VOC (including Styrene)	21.72	18.04
		Styrene	21.72	18.04
		Acetone	18.10	15.08
7	Cure Oven Heater	VOC (including Styrene)	2.41	2.00
		Styrene	2.41	2.00
		VOC (6)	<0.01	<0.01
		NO _x (6)	0.02	0.02
		CO (6)	0.01	0.02
		SO ₂ (6)	<0.01	<0.01
		PM (6)	<0.01	<0.01
		PM ₁₀ (6)	<0.01	<0.01
		PM _{2.5} (6)	<0.01	<0.01
9	Grinding and Sanding Booth	PM	0.32	0.67

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10	Combined Emissions from 12 Comfort Heater Stacks	PM ₁₀	0.32	0.67
		PM _{2.5}	0.32	0.67
		VOC (6)	0.01	0.06
		NO _x (6)	0.24	1.05
		CO (6)	0.20	0.88
		SO ₂ (6)	<0.01	0.01
		PM (6)	0.02	0.08
		PM ₁₀ (6)	0.02	0.08
		PM _{2.5} (6)	0.02	0.08

- (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
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
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
(4) The allowable emission rates include planned maintenance, startup, and shutdown activities.
(5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(6) Product of combustion of natural gas.

Date: April 13, 2017