

Emission Sources - Maximum Allowable Emission Rates

Permit Number 7318A

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)
PB-1	Exterior Paint Booth 1	VOC (7)	53.55	78.20
		Exempt Solvent (7)	0.50	0.45
		PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
F2-A	Interior Lining Station F2-A	VOC (7)	87.5	14.20
		Exempt Solvent (7)	0.50	0.75
		PM	0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	0.01
F2-B	Interior Lining Station F2-B	VOC (7)	87.50	14.20
		Exempt Solvent (7)	0.50	0.75
		PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
F2-C	Interior Lining Station F2-C	VOC (7)	78.75	14.20
		Exempt Solvent (7)	0.50	0.75
		PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01

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F2-D	Interior Lining Station F2-D	VOC (7)	78.75	14.20
		Exempt Solvent (7)	0.50	0.75
		PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
F2-E	Interior Lining Station F2-E	VOC (7)	78.75	7.10
		Exempt Solvent (7)	0.50	0.75
		PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
MB-1	Exterior Abrasive Cleaning Booth MB-1	PM	0.02	0.07
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
MB-2	Interior Abrasive Cleaning Booth MB-2	PM	0.02	0.07
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
MB-3	Exterior Abrasive Cleaning Booth MB-3 (Automated Wheel Blast)	PM	0.16	0.70
		PM ₁₀	0.02	0.08
		PM _{2.5}	<0.01	0.01
MB-4	Exterior Abrasive Cleaning Booth MB-4 (Hand Blast)	PM	0.07	0.29
		PM ₁₀	0.02	0.09
		PM _{2.5}	0.02	0.09

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TO	Regenerative Thermal Oxidizer - Exterior Paint Booth PB-2 and Air Make-up Unit PB2-AMU (6)	VOC (7)	1.58	2.71
		Exempt Solvent	0.01	0.02
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		VOC (8)	0.04	0.14
		NO _x (8)	0.48	2.10
		SO ₂ (8)	<0.01	0.02
		CO (8)	0.67	2.94
		PM (8)	0.04	0.19
		PM ₁₀ (8)	0.04	0.19
		PM _{2.5} (8)	0.04	0.19
FUG	Stenciling/Touch-up Fugitive Emissions for FUG_PB1 and FUG_NEW	VOC	1.38	2.00
		Exempt Solvent	0.27	0.89
VCU-A	Vapor Combustor for Railcar Cleaning (A-side)	NH ₃	1.32	0.11
		VOC	9.28	1.83
		VOC (8)	<0.01	<0.01
		NO _x (8)	1.47	0.38
		SO ₂ (8)	<0.01	<0.01
		CO (8)	2.05	0.70

(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

CO - carbon monoxide

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

NH₃ - ammonia

(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) Allowable emission rates represent total emissions from multiple sources as listed.

(7) VOC includes emissions from spray gun cleaning.

(8) POC - Products of Combustion

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Date: March 23, 2023