

Emission Sources - Maximum Allowable Emission Rates

Permit Number 39277

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)
004	North Plant Fugitives	VOC	0.09	0.38
		PM	0.05	0.22
		PM ₁₀	0.05	0.22
		PM _{2.5}	0.05	0.22
		Exempt Solvents	2.23	9.78
005	South Plant Fugitives	VOC	0.03	0.15
		PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08
		Exempt Solvents	2.23	9.78
AUTOPRIMER	Automated Coating Line – Primer Booth	VOC	1.32	2.48
		PM	0.02	0.03
		PM ₁₀	0.02	0.03
		PM _{2.5}	0.02	0.03
		Exempt Solvents	0.84	1.58
AUTOPAINT	Automated Coating Line – Paint Booth	VOC	1.18	2.20
		PM	0.04	0.04
		PM ₁₀	0.04	0.04
		PM _{2.5}	0.04	0.04
		Exempt Solvents	2.23	9.78

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
CUREOVEN	Automated Coating Line – Curing Oven	VOC	1.58	2.99
		PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		Exempt Solvents	0.57	1.07
		CO	0.12	0.54
		NO _x	0.07	0.32
		SO ₂	<0.01	<0.01
MANCOAT	Manual Coating Line – Coating Booth	VOC	2.95	11.06
		PM	0.05	0.18
		PM ₁₀	0.05	0.18
		PM _{2.5}	0.05	0.18
		Exempt Solvents	1.59	5.94
MANOVEN	Manual Coating Line – Drying Chamber	VOC	1.89	7.08
		PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		Exempt Solvents	0.71	2.65
		CO	0.13	0.58
		NO _x	0.08	0.34
		SO ₂	<0.01	<0.01

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WASH1	Five Stage Washer – First Stage Burner	VOC	0.01	0.04
		PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		CO	0.12	0.54
		NO _x	0.07	0.32
		SO ₂	<0.01	<0.01
WASH3	Five Stage Washer – Third Stage Burner	VOC	0.01	0.03
		PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		CO	0.10	0.43
		NO _x	0.06	0.26
		SO ₂	<0.01	<0.01
DRYOVEN	Convection Dry-Off Oven	VOC	0.01	0.03
		PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		CO	0.10	0.43
		NO _x	0.06	0.26
		SO ₂	<0.01	<0.01

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)

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AIRMAKEUP	Air Makeup System	VOC	0.02	0.09
		PM	0.03	0.12
		PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
		CO	0.30	1.33
		NO _x	0.18	0.79
		SO ₂	<0.01	<0.01
MANCOATAIR	Downdraft Paint Booth and Air Makeup System	VOC	0.01	0.05
		PM	0.02	0.08
		PM ₁₀	0.02	0.08
		PM _{2.5}	0.02	0.08
		CO	0.19	0.83
		NO _x	0.11	0.49
		SO ₂	<0.01	<0.01
BURNOVEN	Burn-off Oven	VOC	<0.01	0.01
		PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
		CO	0.04	0.18
		NO _x	0.02	0.11
		SO ₂	<0.01	<0.01
All Emission Points at the Site	All Sources at the Site	Single HAP		<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) 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}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide

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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: June 6, 2019