

Emission Sources - Maximum Allowable Emission Rates

Permit Number 24538

This table lists the maximum allowable emission rates and all sources of air contaminants 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.	Source Name (FIN)	Air Contaminant Name (1)	Emission Rates	
			lbs/hour	TPY (2)
40001-3-1, 40001-3-2, 40001-3-3, 40001-3-4, 40001-3-5, and 40001-3-6	Building 40001 Paint Booth 3 (SC002)	VOC	8.58	22.44
		PM	0.02	0.03
40001-F	Building 40001 Flashoff	VOC (3)	0.80	10.79
40001-3-7	Building 40001 Paint Booth 3 Intake Air Pre-heater	VOC (4)	0.04	0.16
		PM (4)	0.05	0.22
		NO _x (4)	0.66	2.87
		CO (4)	0.55	2.41
		SO ₂ (4)	<0.01	0.02
32023-1-1 and 32023-1-2	Building 32023 Paint Booth (SC001)	VOC	5.00	15.30
		PM	0.01	0.03
32023-1-F	Building 32023 Flashoff	VOC (3)	0.30	6.52
9576-1-1 and 9576-1-2	Building 9576 Paint Booth (SC013)	VOC	4.60	14.32
		PM	0.01	0.02
9576-1-F	Building 9576 Flashoff	VOC (3)	0.20	5.55
88027-1-1 and 88027-1-2	Building 88027 Paint Booth 1 (SC004)	VOC	12.04	3.79
		Exempt Solvent	9.23	4.15
		PM ₁₀ /PM _{2.5}	<0.01	<0.01

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			lbs/hour	TPY (2)
88027-2-1 and 88027-2-2	Building 88027 Paint Booth 2 (SC005)	VOC	12.04	3.79
		Exempt Solvent	9.23	4.15
		PM ₁₀ /PM _{2.5}	<0.01	<0.01
88027-3-1 and 88027-3-2	Building 88027 Paint Booth 3 (SC006)	VOC	12.04	3.79
		Exempt Solvent	9.23	4.15
		PM ₁₀ /PM _{2.5}	<0.01	<0.01
88027-4-1 and 88027-4-2	Building 88027 Paint Booth 4 (SC007)	VOC	12.04	3.79
		Exempt Solvent	9.23	4.15
		PM ₁₀ /PM _{2.5}	<0.01	<0.01
88027-5-1 and 88027-5-2	Building 88027 Paint Booth 5 (SC020)	VOC	12.04	3.79
		Exempt Solvent	9.23	4.15
		PM ₁₀ /PM _{2.5}	<0.01	<0.01
88027-1-F, 88027-2-F, 88027-3-F, 88027-4-F, and 88027-5-F	Building 88027 Flashoff	VOC (3)	3.25	8.15
		Exempt Solvent (3)	2.45	8.90
88027-1-1, 88027-1-2, 88027-2-1, 88027-2-2, 88027-3-1, 88027-3-2, 88027-4-1, 88027-4-2, 88027-5-1, and 88027-5-2	Building 88027 Booth Heater s 1 (2.07 MMBtu/hr), 2 (2.46 MMBtu/hr), 3 (1.98 MMBtu/hr), 4(2.96 MMBtu/hr, and 5 (5.227 MMBtu/hr)	VOC (4)	0.04	0.19
		PM ₁₀ /PM _{2.5} (4)	0.06	0.27
		NO _x (4)	0.80	3.52
		CO (4)	0.67	2.95
		SO ₂ (4)	<0.01	0.02

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			lbs/hour	TPY (2)
7013A-1, 7013A-2, 7013A-3, and 7013A-4	Building 7013 Paint Booth and Two Heaters (6.834 MMBtu/hr (SC003))	VOC	12.37	24.11
		Exempt Solvent	13.20	13.16
		PM	0.01	0.02
		VOC (4)	0.04	0.16
		PM (4)	0.05	0.22
		NO _x (4)	0.21	0.94
		CO (4)	0.56	2.47
		SO ₂ (4)	<0.01	0.02
7013A-1-F	Building 7013A Flashoff	VOC (3)	0.45	2.93
13065-1-1 and 13065-1-2	Building 13065 Paint Booth 1 (SC009)	VOC	4.60	14.32
		PM	0.01	0.02
13065-1-F	Building 13065 Flashoff	VOC (3)	0.30	5.55
13065-2	Building 13065 Paint Booth Heater	VOC (4)	0.02	0.08
		PM (4)	0.04	0.16
		NO _x (4)	0.31	1.34
		CO (4)	0.07	0.29
		SO ₂ (4)	<0.01	0.01
11057-1A	Building 11057 Paint Booth (SC017)	VOC	2.60	4.45
		PM	0.01	0.01
11057-F	Building 11057 Flashoff	VOC (3)	0.20	1.73

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			lbs/hour	TPY (2)
11057-1B	Building 11057 Paint Booth Heater	VOC (4)	<0.01	0.01
		PM (4)	<0.01	0.02
		NO _x (4)	0.04	0.18
		CO (4)	<0.01	0.04
		SO ₂ (4)	<0.01	0.01
All Emission Points	All Sources	Single HAP		<10.00
		All HAP		<25.00

- (1) Exempt Solvent - carbon compounds as defined in Title 30 Texas Administrative Code § 101.1
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
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
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
- (2) Rate is for a rolling 12 consecutive months.
- (3) Fugitive emissions
- (4) Emissions from natural gas combustion

Date: May 29, 2012