

Emission Sources - Maximum Allowable Emission Rates

Permit Number 24538

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 (7)	
			lbs/hour	TPY (6)
40009-3-1, 40009-3-2, 40009-3-3, 40009-3-4, 40009-3-5, and 40009-3-6	Building 40009 Paint Booth 3 (SC002)	VOC	8.58	22.44
		PM	0.02	0.03
		PM ₁₀	0.02	0.03
		PM _{2.5}	0.02	0.03
40009-F	Building 40009 Flashoff	VOC (4)	0.80	10.79
40009-3-7	Building 40009 Paint Booth 3 Intake Air Pre-heater	VOC (5)	0.04	0.16
		PM (5)	0.05	0.22
		PM ₁₀ (5)	0.05	0.22
		PM _{2.5} (5)	0.05	0.22
		NO _x (5)	0.66	2.87
		CO (5)	0.55	2.41
		SO ₂ (5)	<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
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03
32023-1-F	Building 32023 Flashoff	VOC (4)	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
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
9576-1-F	Building 9576 Flashoff	VOC (4)	0.20	5.55
88027-1-1 and 88027-1-2	Building 88027 Paint Booth 1 (SC004)	VOC	12.14	9.80
		Exempt Solvent	12.04	10.57

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		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
88027-2-1 and 88027-2-2	Building 88027 Paint Booth 2 (SC005)	VOC	12.14	9.80
		Exempt Solvent	12.04	10.57
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
88027-3-1 and 88027-3-2	Building 88027 Paint Booth 3 (SC006)	VOC	12.14	9.80
		Exempt Solvent	12.04	10.57
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
88027-4-1 and 88027-4-2	Building 88027 Paint Booth 4 (SC007)	VOC	12.14	9.80
		Exempt Solvent	12.04	10.57
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
88027-1-F, 88027-2-F, 88027-3-F, and 88027-4-F	Building 88027 Flashoff	VOC (4)	2.60	16.80
		Exempt Solvent (4)	2.60	18.12
88027-1-1, 88027-1-2, 88027-2-1, 88027-2-2, 88027-3-1, 88027-3-2, 88027-4-1, and 88027-4-2	Building 88027 Booth Heaters (4 - 4.65 MMBtu/hr each)	VOC (5)	0.12	0.44
		PM (5)	0.12	0.60
		PM ₁₀ (5)	0.12	0.60
		PM _{2.5} (5)	0.12	0.60
		NO _x (5)	1.84	8.00
		CO (5)	1.52	6.68
		SO ₂ (5)	<0.01	0.04
7013A-1 and 7013A-3	Building 7013 Paint Booth and Air Heat Makeup Unit (1.25 MMBtu/hr (SC003))	VOC	12.45	9.77
		Exempt Solvent	13.66	13.16

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		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		VOC (5)	<0.01	0.03
		PM (5)	<0.01	0.04
		PM ₁₀ (5)	<0.01	0.04
		PM _{2.5} (5)	<0.01	0.04
		NO _x (5)	0.12	0.53
		CO (5)	0.10	0.45
		SO ₂ (5)	<0.01	<0.01
7013A-1-F	Building 7013A Flashoff	VOC (4)	0.67	4.22
13065-1-1 and 13065-1-2	Building 13065 Paint Booth 1 (SC009)	VOC	4.60	14.32
		PM	0.01	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
13065-1-F	Building 13065 Flashoff	VOC (4)	0.30	5.55
13065-2	Building 13065 Paint Booth Heater	VOC (5)	0.02	0.08
		PM (5)	0.04	0.16
		PM ₁₀ (5)	0.04	0.16
		PM _{2.5} (5)	0.04	0.16
		NO _x (5)	0.31	1.34
		CO (5)	0.07	0.29
		SO ₂ (5)	<0.01	0.01
11057-1A	Building 11057 Paint Booth (SC017)	VOC	2.60	4.45
		PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
11057-F	Building 11057 Flashoff	VOC (4)	0.20	1.73
11057-1B	Building 11057 Paint Booth Heater	VOC (5)	<0.01	0.01

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		PM (5)	<0.01	0.02
		PM ₁₀ (5)	<0.01	0.02
		PM _{2.5} (5)	<0.01	0.02
		NO _x (5)	0.04	0.18
		CO (5)	<0.01	0.04
		SO ₂ (5)	<0.01	0.01
AERO-HAA01	Hood Army Airfield 01 Aerosol Can Spray	VOC (4)	1.37	0.20
		Exempt Solvent (4)	1.12	0.26
		PM (4)	0.08	0.01
		PM ₁₀ (4)	0.03	<0.01
		PM _{2.5} (4)	<0.01	<0.01
AERO-HAA02	Hood Army Airfield 02 Aerosol Can Spray	VOC (4)	1.80	0.27
		Exempt Solvent (4)	1.40	0.34
		PM (4)	0.11	0.02
		PM ₁₀ (4)	0.03	0.01
		PM _{2.5} (4)	0.01	<0.01
AERO-CTE03	East Cantonment 01 Aerosol Can Spray	VOC (4)	14.61	2.46
		Exempt Solvent (4)	14.89	3.55
		PM (4)	1.01	0.18
		PM ₁₀ (4)	0.32	0.06
		PM _{2.5} (4)	0.05	0.01
		Ammonia (4)	0.01	0.04
AERO-CTE04	East Cantonment 02 Aerosol Can Spray	VOC (4)	18.07	3.02
		Exempt Solvent (4)	18.33	4.37
		PM (4)	1.09	0.22
		PM ₁₀ (4)	0.34	0.07
		PM _{2.5} (4)	0.06	0.01
		Ammonia (4)	0.02	0.09
AERO-CTE05	East Cantonment 03 Aerosol Can Spray	VOC (4)	28.29	4.75

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		Exempt Solvent (4)	28.76	6.86
		PM (4)	1.70	0.35
		PM ₁₀ (4)	0.56	0.11
		PM _{2.5} (4)	0.09	0.02
		Ammonia (4)	0.04	0.18
AERO-CTW06	West Cantonment 01 Aerosol Can Spray	VOC (4)	4.74	0.80
		Exempt Solvent (4)	4.84	1.15
		PM (4)	0.29	0.06
		PM ₁₀ (4)	0.09	0.02
		PM _{2.5} (4)	0.02	<0.01
		Ammonia (4)	0.01	0.04
AERO-CTW07	West Cantonment 02 Aerosol Can Spray	VOC (4)	24.25	4.08
		Exempt Solvent (4)	24.69	5.89
		PM (4)	1.46	0.30
		PM ₁₀ (4)	0.46	0.09
		PM _{2.5} (4)	0.08	0.02
		Ammonia (4)	0.03	0.13
AERO-CTW08	West Cantonment 03 Aerosol Can Spray	VOC (4)	56.83	9.55
		Exempt Solvent (4)	57.97	13.80
		PM (4)	6.56	1.11
		PM ₁₀ (4)	2.07	0.35
		PM _{2.5} (4)	0.35	0.06
		Ammonia (4)	0.07	0.31
AERO-DOL09	DOL Aerosol Can Spray	VOC (4)	0.41	0.40
		Exempt Solvent (4)	0.02	0.01
		PM (4)	0.26	0.25
		PM ₁₀ (4)	0.08	0.08

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		PM _{2.5} (4)	0.01	0.01
AERO-FHW11	Fort Hood West 02 Aerosol Can Spray	VOC (4)	2.43	3.64
		Exempt Solvent (4)	1.89	0.46
		PM (4)	0.14	0.02
		PM ₁₀ (4)	0.04	0.01
		PM _{2.5} (4)	0.01	<0.01
AERO-DS212	DS2 Hood Army Airfield Aerosol Can Spray	VOC (4)	0.68	0.65
		Exempt Solvent (4)	0.19	0.18
		PM (4)	0.01	0.01
		PM ₁₀ (4)	<0.01	<0.01
		PM _{2.5} (4)	<0.01	<0.01
AERO-DS213	DS2 Fort Hood West Aerosol Can Spray	VOC (4)	0.22	0.22
		Exempt Solvent (4)	0.06	0.06
		PM (4)	<0.01	<0.01
		PM ₁₀ (4)	<0.01	<0.01
		PM _{2.5} (4)	<0.01	<0.01
AERO-DPW14	DPW East Cantonment Aerosol Can Spray	VOC (4)	0.11	0.14
		Exempt Solvent (4)	<0.01	<0.01
		PM (4)	<0.01	<0.01
		PM ₁₀ (4)	<0.01	<0.01
		PM _{2.5} (4)	<0.01	<0.01
AERO-DPW15	DPW West Cantonment Aerosol Can Spray	VOC (4)	0.11	0.14
		Exempt Solvent (4)	<0.01	<0.01
		PM (4)	<0.01	<0.01
		PM ₁₀ (4)	<0.01	<0.01
		PM _{2.5} (4)	<0.01	<0.01

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All Emission Points at the Site	All Sources at the Site	Single HAP	---	<10.00
		All HAP	---	<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
 - 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.
 - 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
- (4) Fugitive emissions
- (5) Emissions from natural gas combustion
- (6) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (7) Rates include planned maintenance, startup, and shutdown emissions.

Date: February 28, 2019