

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 (2)	
			lbs/hour	TPY (3)
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 (4)	0.80	10.79
40001-3-7	Building 40001 Paint Booth 3 Intake Air Pre-heater	VOC (5)	0.04	0.16
		PM (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
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
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	12.04	3.79
		Exempt Solvent	9.23	4.15
		PM ₁₀ /PM _{2.5}	<0.01	<0.01

Emission Point No.	Source Name (FIN)	Air Contaminant	Emission Rates (2)
--------------------	-------------------	-----------------	--------------------

Emission Sources - Maximum Allowable Emission Rates

			lbs/hour	TPY (3)
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 (4)	3.25	8.15
		Exempt Solvent (4)	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 (5)	0.04	0.19
		PM ₁₀ /PM _{2.5} (5)	0.06	0.27
		NO _x (5)	0.80	3.52
		CO (5)	0.67	2.95
		SO ₂ (5)	<0.01	0.02

Emission Point No.	Source Name (FIN)	Air Contaminant	Emission Rates (2)
--------------------	-------------------	-----------------	--------------------

Emission Sources - Maximum Allowable Emission Rates

			lbs/hour	TPY (3)
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 (5)	0.04	0.16
		PM (5)	0.05	0.22
		NO _x (5)	0.21	0.94
		CO (5)	0.56	2.47
		SO ₂ (5)	<0.01	0.02
7013A-1-F	Building 7013A Flashoff	VOC (4)	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 (4)	0.30	5.55
13065-2	Building 13065 Paint Booth Heater	VOC (5)	0.02	0.08
		PM (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
11057-F	Building 11057 Flashoff	VOC (4)	0.20	1.73

Emission Point No.	Source Name (FIN)	Air Contaminant Name (1)	Emission Rates (2)
--------------------	-------------------	--------------------------	--------------------

Emission Sources - Maximum Allowable Emission Rates

			lbs/hour	TPY (3)
11057-1B	Building 11057 Paint Booth Heater	VOC (5)	<0.01	0.01
		PM (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

Emission Sources - Maximum Allowable Emission Rates

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

Emission Sources - Maximum Allowable Emission Rates

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

Emission Sources - Maximum Allowable Emission Rates

Emission Point No.	Source Name (FIN)	Air Contaminant Name (1)	Emission Rates (2)	
			lbs/hour	TPY (3)
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
All Emission Points	All Sources	Single HAP		<10.00
		All HAP		<25.00

Emission Sources - Maximum Allowable Emission Rates

- (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) Rates include planned maintenance, startup, and shutdown emissions.
- (3) Rate is for a rolling 12 consecutive months.
- (4) Fugitive emissions
- (5) Emissions from natural gas combustion

Date: April 15, 2014