

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18514

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
(4)				
10	Rotor Touch-Up Booths	VOC	15.00	3.18
		Exempt solvent	13.20	1.27
		PM <0.01	<0.01	
		Pb <0.01	<0.01	
21	Adhesive Prime Paint Booth and Air Makeup Unit	VOC	10.87	11.91
		Exempt solvent	1.58	0.86
		PM 0.01	0.01	
		NO _x 0.10	0.01	
		SO ₂ <0.01	<0.01	
		TOC 0.01	0.01	
		CO 0.08	0.08	
21A	Small Electric Flash-Off Oven	VOC	3.49	3.69
		Exempt solvent	0.51	0.27
BLDG 2 FUG	Adhesive Prime Painting, Adhesive/ Sealant, and Mold Release Fugitives	VOC	16.81	3.98
		Exempt solvent	14.24	3.47
23-1A1, 23-1A2; 23-1B1, 23-1B2; 23-1C1, 23-1C2; 23-2A1, 23-2A2; 23-2B1, 23-2B2; 23-2C1, 23-2C2; 23-3A1, 23-3A2; 23-3B1, 23-3B2; 23-3C1, and 23-3C2	Helicopter Spray Paint Booths No. 1, No. 2, No. 3, and Associated Air Makeup Units	VOC	51.75	25.58
		Exempt solvent	22.50	7.75
		PM	0.08	0.08
		NO _x	0.90	0.90
		SO ₂	0.06	0.06
		TOC	0.10	0.10
		CO	0.75	0.75
		Pb	<0.01	<0.01
26	Sub Assembly Paint Booth	VOC	12.20	2.33
		Exempt solvent	5.31	0.71
		PM <0.01	<0.01	
		Pb <0.01	<0.01	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
97-010, 97-011, and 97-012	Paint Mix Room	VOC	3.32	0.66
		Exempt solvent	1.14	0.10
BLDG 30 FUG	Building 30 Painting, and Adhesive/Sealants Fugitives	VOC	16.85	2.96
		Exempt solvent	29.75	1.97
36 PNT1	Spray Booth and Air Makeup Unit	VOC	9.15	4.28
		Exempt solvent	1.99	1.32
		NO _x	0.33	0.99
		SO ₂	<0.01	0.01
		TOC	0.04	0.11
		CO	0.28	0.83
		PM	0.03	0.08
		Pb	<0.01	<0.01
36PNTKIT1	Paint Kitchen	VOC	0.05	0.02
		Exempt solvent	0.01	<0.01
BLDG 36 FUG	Mold Release, Adhesive/Sealant, Priming, Painting, and Wipe Solvent Fugitives	VOC	17.70	2.44
		Exempt solvent	26.38	3.56
66	Hobby Shop Paint Booth	VOC	10.95	8.69
		Exempt solvent	3.22	0.81
		PM	<0.01	<0.01
		Pb	<0.01	<0.01
BLDG 25 FUG	Painting, Equipment Cleanup, and Wipe Solvent Fugitives	VOC	3.70	3.20
		Exempt solvent	4.10	0.52
K-1	Paint Booths and Wipe Solvent	VOC	30.01	12.75
		Exempt solvent	23.20	7.08
		PM	<0.01	<0.01
		Pb	<0.01	<0.01

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			lb/hr	TPY (4)
K-1	1.675 MMBtu/hr Air Makeup North Unit	NO _x	0.17	0.17
		SO ₂	<0.01	<0.01
		TOC	0.02	0.02
		CO	0.14	0.14
		PM	0.01	0.01
		Pb	<0.01	<0.01
K-1	1.675 MMBtu/hr Air Makeup South Unit	NO _x	0.17	0.17
		SO ₂	<0.01	<0.01
		TOC	0.02	0.02
		CO	0.14	0.14
		PM	0.01	0.01
		Pb	<0.01	<0.01
39A and 39B	1.232 MMBtu/hr NG Fired Drying Oven North Unit	NO _x	0.12	0.37
		SO ₂	<0.01	<0.01
		TOC	0.01	0.04
		CO	0.10	0.31
		PM	0.01	0.03
40A and 40B	1.232 MMBtu/hr NG Fired Drying Oven North Unit	NO _x	0.12	0.37
		SO ₂	<0.01	<0.01
		TOC	0.01	0.04
		CO	0.10	0.31
		PM	0.01	0.03
K-1	Blade Curing Oven Products of Combustion (NG Fired 1.232 MMBtu/Hr)	NO _x	0.12	0.37
		SO ₂	<0.01	<0.01
		TOC	0.01	0.04
		CO	0.10	0.31
		PM	<0.01	0.01
14	Maintenance Paint Booth	VOC	12.14	6.16
		Exempt solvent	1.76	0.88
		PM	<0.01	<0.01

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			lb/hr	TPY (4)
		Pb	<0.01	<0.01
BLDG 15 FUG	Building 15 Painting Fugitives	VOC	2.21	1.72
		Exempt solvent	1.66	0.19
13	Loft/Tooling Spray Booth	VOC	10.95	6.44
		Exempt solvent	3.22	0.81
		PM	<0.01	<0.01
		Pb	<0.01	<0.01
BLDG 21 FUG	Building 21 Painting and Wipe Solvent Fugitives	VOC	4.76	2.70
		Exempt solvent	7.42	0.57
19-1	R and D Lab Spray Booth	VOC	9.66	1.41
		Exempt solvent	5.64	0.40
		PM	<0.01	<0.01
		NO _x	0.08	0.08
		SO ₂	<0.01	<0.01
		TOC	<0.01	0.01
		CO	0.06	0.06
		Pb	<0.01	<0.01
BLDG 19 FUG	Building 19 Painting, Adhesive/Sealant, 0.95 and Mold Release Fugitives	VOC		9.49
		Exempt solvent	14.06	0.67

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 (30 TAC § 101.1)
Exempt solvent - as defined in 30 TAC § 101.1
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter.
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - TOC - total organic compounds from the combustion of natural gas.
 - CO - carbon monoxide
 - Pb - lead
- (4) Compliance with annual emission limits is based on a rolling 12-month period.

Dated June 23, 2004