

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18514

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

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY*
21	Adhesive Prime Paint Booth and Air Makeup Unit	VOC	10.9	12.7
		Non-VOC	1.6	1.0
		PM	0.01	
		NO _x	0.1	
		SO ₂	0.01	
		TOC	0.01	
		CO	0.1	
21A	Small Electric Flash-off Oven	VOC	3.5	3.9
		Non-VOC	0.6	0.3
BLDG 2 FUG	Adhesive Prime Painting Fugitives	VOC	5.6	2.7
		Non-VOC	4.7	1.2
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, 23-3C2	Helicopter Spray Paint Booth No. 1, No. 2, No. 3, and associated Air Makeup Units	VOC	51.8	25.6
		Non-VOC	22.5	7.8
		PM	0.1	0.03
		NO _x	0.9	0.3
		SO ₂	0.01	0.01
		TOC	0.1	0.03
		CO	0.8	0.3
26	Sub Assembly Paint Booth	VOC	12.2	2.4
		Non-VOC	5.4	0.8
		PM	0.01	
97-010; 97-011, and 97-012	Paint Mix Room	VOC	3.4	0.7
		Non-VOC	1.2	0.1
BLDG 30 FUG	Building 30 Painting Fugitives	VOC	11.8	2.0
		Non-VOC	27.7	1.6

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			lb/hr	TPY *
60A and 60B	Conveyorized Prime Paint Booth and Air Makeup Unit	VOC	7.9	7.4
		Non-VOC	2.7	1.3
		PM	0.05	
		NO _x	0.6	
		SO ₂	0.01	
		TOC	0.1	
		CO	0.5	
87	North Prime Drying Oven	VOC	3.2	3.0
		Non-VOC	1.1	0.6
		PM	0.01	
		NO _x	0.2	
		SO ₂	0.01	
		TOC	0.02	
		CO	0.2	
88	South Prime Drying Oven	NO _x	0.4	1.0
		SO ₂	0.01	
		TOC	0.04	
		CO	0.3	
		PM	0.02	0.07
24	Detail Parts Paint Booth and Air Makeup Unit	VOC	15.6	6.3
		Non-VOC	2.3	1.8
		PM	0.05	
		NO _x	0.6	
		SO ₂	0.01	
		TOC	0.06	
		CO	0.5	
BLDG 36 FUG	Priming, Painting and Wipe Solvent Fugitives	VOC	11.5	2.8
		Non-VOC	15.8	1.5

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			lb/hr	TPY *
66	Hobby Shop Paint Booth	VOC	21.9	8.7
		Non-VOC	6.5	0.9
		PM	0.01	0.01
BLDG 25 FUG	Painting Fugitives	VOC	9.8	3.0
		Non-VOC	3.1	0.3
K1 and K2	Paint Blade Shop vent through KPR-1 Rotor Wheel and KPR-2 Oxidizer	VOC	11.1	5.6
		Non-VOC	6.3	1.5
		PM	0.01	0.01
K1	KPR-1 Rotor Wheel Products of Combustion (POC) from Blade Painting Air Makeup Unit	NO _x	0.2	0.5
		SO ₂	0.01	0.01
		TOC	0.02	0.05
		CO	0.2	0.5
		PM	0.01	0.04
K2	KPR-2 Oxidizer POC	NO _x	0.3	1.4
		SO ₂	0.01	0.01
		TOC	0.03	0.2
		CO	0.3	1.1
		PM	0.02	0.1
14	Maintenance Paint Booth	VOC	24.3	6.2
		Non-VOC	3.6	0.9
		PM	0.01	0.01
BLDG 15 FUG	Building 15 Painting Fugitives	VOC	4.5	6.2
		Non-VOC	0.9	0.2
13	Loft/Tooling Spray Booth	VOC	21.9	6.5
		Non-VOC	6.5	0.9
		PM	0.01	0.01
BLDG 21 FUG	Building 21 Painting Fugitives	VOC	5.3	2.5

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			lb/hr	TPY *
		Non-VOC	3.1	0.3
19-1	R and D Lab Spray Booth	VOC	9.7	1.5
		Non-VOC	5.7	0.4
		PM	0.01	0.01
		NO _x	0.1	0.1
		SO ₂	0.01	0.01
		TOC	0.01	0.01
		CO	0.1	0.1
BLDG 19 FUG	Building 19 Painting Fugitives	VOC	4.5	0.6
		Non-VOC	2.9	0.2

(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 30 Texas Administrative Code Section 101.1

Non-VOC - carbon compounds excluded in the VOC definition of 30 TAC Section 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

CO - carbon monoxide

TOC - total organic compounds from the combustion of natural gas.

* Compliance with annual emission limits is based on a rolling 12-month period.

Dated April 7, 2000