

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56362

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. 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	
			lb/hr	TPY (4)
001008S, 001009S, 001014S, 001015S, 001025S, 001026S, 006111S, 006112S, 006113S, 006114S, 006115S, and 006116S	B-1 South Main Paint Booths (Nos. 31 and 32), Experimental Paint Booth (No. 37), B1-East Adhesive Bonding Booth, B1-West Adhesive Bonding Booth, B-6 Subassembly Paint Booths (Nos. 9, 10, and 11)	VOC Acetone PM		159.00 9.70 0.01
001082S, 001083S, 001084S, 001085S, 001086S, 001087S, and 001088S, 001089S	B-1 North Main Paint Booths (Nos. 33 and 34), B-1 Conveyor Paint Booth (No. 35), and B-1 SPCS Paint Booth (No. 36)	VOC Acetone PCBTF PM		18.40 4.70 74.80 0.01
224001S, 224002S, and 224003S	B-224 Booth, Mix Room, and Assembly Area	VOC Acetone PM		13.61 0.67 0.01
027267S	Building 27 C-17 Coating Booths Routed to a Regenerative Thermal Oxidizer	VOC VOC (5) PM PM ₁₀ (5) NO _x CO SO ₂		1.15 0.20 0.01 0.28 2.38 1.01 0.02
027268S	Building 27 Adhesive Application	VOC		0.17
SITEWIDE (6)	All Surface Coating Emissions Discharged Through Stacks (6)	VOC Acetone PCBTF	267.00 26.20 56.10	

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AIR CONTAMINANTS DATA				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
		PM	0.04	
PLANTWIDE (7)	All Surface Coating Emissions	VOC	75.00	55.40
	Discharged As Fugitives (7)	Acetone	17.18	12.30
023231V, 023232V, and 023233V	Three Building 23 Metal Melt Tools	VOC	0.02	0.08
		PM	0.11	0.10
		NO _x	0.30	1.30
		CO	0.25	1.09
		SO ₂	0.05	0.20
026004S	Power House Boiler No. 4	VOC	0.71	0.31
		PM	1.90	0.75
		NO _x	24.70	10.42
		CO	11.10	4.85
		SO ₂	43.80	15.89

- (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
PCBTf - parachlorobenzotrifluoride
PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
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
- (4) Compliance with annual emission limits is based on a rolling 12-month period.
- (5) Combustion emissions.
- (6) These hourly emissions include combined sitewide emissions (excluding products of combustion) from all surface coating facilities that are discharged through stacks including (but not limited to) the following:

BUILDING NO.	EPN	FIN (or Name)	AUTHORIZATION
Building 1	001082S, 001083S, 001084S, 001085S, 001086S, 001087S, 001088S, 001089S	B1-PAINT-1	Permit No. 56362
Building 1	001008S, 001009S, 001014S, 001015S, 001025S, 001026S	B1-PAINT-2, B1-PAINT-4, B1-PAINT-6, B1-PAINT-7	Permit No. 56362
Building 6	006111S, 006112S, 006113S, 006114S, 006115S, 006116S	B6-PAINT-1	Permit No. 56362

Building 27	027267S, 027268S	Thermal Oxidizer and Adhesive Application	Permit No. 56362
Building 1		Downdraft Flow Coating Table	Standard Exemption (SE) No. 75 (issued 9/13/93)
Building 6		Dry Filter Paint Booth	SE No. 75 (SE Registration No. 25692; 7/29/94)
Building 224	224001S, 224002S, 224003S	B224PAINT, B224- HANGR	Permit No. 56362

- (7) These hourly emissions include combined sitewide emissions from all surface coating facilities that are not discharged through stacks including (but not limited to) the following:

BUILDING NO.	EPN	FIN (or Name)	AUTHORIZATION
Building 16		Aircraft Prototype Wing Coating Facility	30 TAC §106.433 (Permit by Rule Registration No. 43868; 4/11/00)

Dated Jun 19, 2007