

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 36524

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source lb/hr	Air Contaminant Name (2) TPY	<u>Emission Rates</u>	
			Name (3)	
SBDC1	Sand Blast Cleaning	PM	1.71	5.62
SBDC2	End Blast Cleaning	PM	0.86	2.83
SBDC3	Coupling Blast Booth	PM	0.86	2.83
OC1	Bake Oven (Coupling)	VOC	1.30	0.02
		NO _x	0.34	0.50
		CO	0.30	0.06
		SO ₂	<0.01	<0.01
		PM ₁₀	0.02	0.03
OC2	Custom Oven	VOC	6.74	2.11
		NO _x	0.17	0.35
		CO	0.15	0.04
		SO ₂	<0.01	<0.01
		PM ₁₀	0.01	0.02
OFB1	Final Bake Oven	VOC	3.64	0.12
		NO _x	0.95	4.17
		CO	0.84	0.50
		SO ₂	<0.01	0.01
		PM ₁₀	0.06	0.28
OIB1	Intermediate Bake Oven No. 1	VOC	5.54	16.17
		NO _x	0.95	4.17
		CO	0.84	0.50
		SO ₂	<0.01	0.01
		PM ₁₀	0.06	0.28

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u> lb/hrTPY	
OIB2	Intermediate Bake Oven No. 2	VOC	8.22	24.01
		NO _x	0.95	4.17
		CO 0.84	0.50	
		SO ₂	<0.01	0.01
		PM ₁₀	0.06	0.28
AB1	Pre-Bake Oven (Thermal Pickling) 0.22 and Afterburner	VOC		14.63
		NO _x	3.83	11.17
		CO 10.34	1.94	
		SO ₂	0.01	0.04
		PM ₁₀	0.28	0.83
WWE1	Wastewater Evaporator	VOC	<0.01	0.01
		NO _x	0.04	0.12
		CO 0.02	0.03	
		SO ₂	<0.01	<0.01
		PM ₁₀	0.01	0.01
PCDC1A	Powder Coat No. 1A	PM <0.01	<0.01	
PCDC1B	Powder Coat No. 1B	PM <0.01	<0.01	
PCDC1C	Powder Coat No. 1C	PM <0.01	<0.01	
PCDC2	Coupling Powder Coat No. 2	PM <0.01	<0.01	
FUG-LC	Liquid Coating Fugitives	VOC	12.17	26.63
LCB1	Liquid Coating Booth	VOC	4.49	1.40
		PM 1.28	0.40	
LCX1	Exterior Coating	VOC	5.01	10.98

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Emission Point No.	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u> lb/hrTPY	
BPF1 *	Brush Painting Fugitives	VOC	0.44	0.27
SD1 *	Solvent Degreasing No. 1	VOC	0.96	2.11
SD2 *	Solvent Degreasing No. 2	VOC	0.96	2.11
SD3 *	Solvent Degreasing/Hard Banding	VOC	1.92	1.40
TK1 *	Diesel Tank (500 gallons)	VOC	0.18	<0.01
TK2 *	Mineral Spirits Tank (500 gallons)	VOC	0.53	
	0.02			
TK3 *	Wastewater Tank (3,000 gallons)	VOC	<0.01	
	<0.01			

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Brush Painting Fugitives (BPF1) authorized under Exemption (30 TAC Section 106.433) (March 14, 1997)

Solvent Degreasing (SD1) authorized under Exemption (§106.454) (March 14, 1997)

Solvent Degreasing (SD2) authorized under Exemption (§106.454) (March 14, 1997)

Solvent Degreasing (SD3) authorized under Exemption (§106.454) (March 14, 1997)

Diesel Tank (TK1) authorized under Exemption (§106.473) (March 14, 1997)

Mineral Spirits Tank (TK2) authorized under Exemption (§106.473) (March 14, 1997)

Wastewater Tank (TK3) authorized under Exemption (§106.472) (March 14, 1997)

(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 General Rule 101.1

PM - particulate matter

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PM₁₀ - particulate matter 10 microns or less in diameter
NO_x - nitrogen oxides
CO - carbon monoxide
SO₂ - sulfur dioxide

Dated _____