

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7171

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

		AIR CONTAMINANTS DATA (Prior to Installation of RTO)		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u> lb/hr TPY(5)	
DC-1 through DC-5	Sandblast Cabinets, Endblast Cabinet, Blast Booth, and Coupling Blast Booth	PM	8.55	23.80
LC-1 through 3, LCZ-4, LCX-6, LC-7, INC-1 and 2, OTP-3, OC-1, OFB-1, OIB-1 thru 3, OIFB-1 and 3	Liquid Coat Nos. 1-3, Liquid	VOC	81.51	98.12
	Coat No. 4 Zinc Chromate,	PM	0.75	1.75
	Liquid Coat Spray Booth,	NO _x	9.00	23.37
	Exterior Coating, Brush Paint	CO	14.30	11.02
	Fugitives, Thermal Pickle Ovens (3), Coupling Oven, Final Bake Oven, Intermediate Bake Ovens (3), Intermediate/ Final Bake Ovens (2)	SO ₂	0.06	0.10
PC-1 through PC-3	Powder Coat No. 1 thru 3	PM	6.96	2.64
SD-1, SD-2, SD-3		Solvent Degreasing 19.62	7.67	VOC
TK-1	Mineral Spirits Tank	VOC	3.59	0.02
TK-2	Diesel Tank	VOC	0.03	0.01

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		AIR CONTAMINANTS DATA (Following Installation of RTO)		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u> lb/hr TPY(5)	
DC-1 through DC-5	Sandblast Cabinets, Endblast Cabinet, Blast Booth, and Coupling Blast Booth	PM	8.55	23.80
RT0-1 (Liquid Coating and VOC	48.53	Liquid Coat Nos. 1-3, Liquid 38.86		
Oven Emissions Routed through RTO), Fugitive Liquid Coating and Oven Emissions	Coat No. 4 Zinc Chromate, Liquid Coat Spray Booth, Exterior Coating, Brush Paint Fugitives, Thermal Pickle Ovens (3), Coupling Oven, Final Bake Oven, Intermediate Bake Ovens (3), Intermediate/ Final Bake Ovens (2)	NO _x CO SO ₂ PM	10.05 14.80 0.06 0.82	27.83 13.17 0.12 2.06
RT0-1 (Liquid Coating and Oven Emissions Routed through RTO), Fugitive Liquid Coating and Oven Emissions	Liquid Coat Nos. 1-3, Liquid Coat No. 4 Zinc Chromate, Liquid Coat Spray Booth, Exterior Coating, Brush Paint Fugitives, Thermal Pickle Ovens (3), Coupling Oven, Final Bake Oven, Intermediate Bake Ovens (3), Intermediate/ Final Bake Ovens (2)	VOC (4) NO _x (4) CO (4) SO ₂ (4) PM (4)	81.51 9.00 14.30 0.06 0.75	-- -- -- -- --
PC-1 thru PC-3	Powder Coat No. 1 through 3	PM	6.96	2.64
SD-1, SD-2, SD-3	Solvent Degreasing	VOC	19.62	7.67
TK-1	Mineral Spirits Tank	VOC	3.59	0.02
TK-2	Diesel Tank	VOC	0.03	0.01
SITEWIDE	Individual Combined	HAP HAP		<10.00 <25.00

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- (1) Emission point identification
- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in Title 3 Texas Administrative Code § 101.1.
PM - particulate matter, suspended in the atmosphere, including PM₁₀.
NO_x - nitrogen oxides
CO - carbon monoxide
SO₂ - sulfur dioxide
HAP - hazardous air pollutants
- (4) Uncontrolled emissions during maintenance.
- (5) Rate is for a rolling 12-months.

Dated August 4, 2006