

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20805

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 (FIN)	Air Contaminant Name (2)	Emission Rates	
			lb/hr	TPY (3)
STAK 02	Conduit Exterior Priming (EXT 03)	VOC	13.76	28.20
		PM/PM ₁₀	0.04	0.09
STAK 03	Preheat Oven (EXT 03)	VOC	5.90	12.09
STAK 04	Exterior Coating Tank (EXT 04) and Laser Cutting	VOC	2.25	5.31
		HCl	0.03	0.06
STAK 05	Conduit Thread Coating (EXT 05)	VOC	3.34	7.89
		PM/PM ₁₀	0.01	0.03
STAK 06	Conduit Interior Coating (INT 02)	VOC	10.70	25.90
		PM/PM ₁₀	0.01	0.03
STAK 07	Conduit Interior Coating (INT 02)	VOC	3.32	7.85
STAK 08	Fittings 1.6 MMBtu/hr Preheat Oven (PREHEAT 3)	VOC	0.01	0.03
		PM/PM ₁₀	0.01	0.04
		SO ₂	<0.01	<0.01
		NO _x	0.16	0.58
		CO	0.13	0.48
STAK 09	Fittings 1.6 MMBtu/hr Cure Oven (CURE 3)	VOC (5)	0.08	0.29
		VOC	0.01	0.03
		PM/PM ₁₀	0.01	0.04
		SO ₂	<0.01	<0.01
		NO _x	0.16	0.58
		CO	0.13	0.48
STAK 10	Small Parts Coating Station (SMALLPRIME)	VOC	4.91	15.42
STAK 11	Adhesion Enhancement Grinder	PM/PM ₁₀ (4)	0.21	0.50

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			lb/hr	TPY (3)
	(AEP 1) vented through a Cyclone and Dust Collector exhausted inside Building			
STAK 13	Fluidized Bed .8 MMBtu/hr Preheat Oven (PREHEAT 4)	VOC	<0.01	0.01
		PM/PM ₁₀	0.01	0.01
		SO ₂	<0.01	<0.01
		NO _x	0.08	0.16
		CO	0.07	0.13
STAK 14	Fluidized Bed Coater (FLUID 01) vented through a Baghouse (BAGHOUSE 2) exhausted inside Building	PM/PM ₁₀ (4)	0.31	0.62
STAK 15	Fluidized Bed .8 MMBtu/hr Cure Oven (CURE 4)	VOC	<0.01	0.01
		PM/PM ₁₀	0.01	0.01
		SO ₂	<0.01	<0.01
		NO _x	0.08	0.16
		CO	0.07	0.13
STAK 17	Metal Spray Booth (METALLIZING)	PM/PM ₁₀	7.20 ⁻⁷	2.26 ⁻⁶
STAK 18	PVC Removal Unit (PVC 1) Vented through an Acid Scrubber	HCl	0.50	0.25
		VOC	0.04	0.02
		SO ₂	2.10	1.05
		NO _x	11.23	5.62
		CO	56.17	28.09
FUG 04	Small Parts Coating Station (SMALLPRIME)	VOC (4)	2.11	6.61
FUG 05	Two Plastisol Dip Tanks (DIP 02)	VOC (4)	0.46	1.66
BAKE 1	Precoat 1.2 MMBtu/hr Bake Oven (BAKE 1)	VOC	0.01	0.02
		PM/PM ₁₀	0.01	0.03
		SO ₂	<0.01	<0.01

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Emission Point No. (1)	Source Name (FIN)	Air Contaminant Name (2)	Emission Rates	
			lb/hr	TPY (3)
		NO _x	0.12	0.43
		CO	0.10	0.36
BOILER1	5.5 MMBtu/hr Boiler (BOILER 1)	VOC	0.03	0.06
		PM/PM ₁₀	0.04	0.08
		SO ₂	<0.01	0.01
		NO _x	0.54	1.08
		CO	0.45	0.91
CURE 2	Fittings .8 MMBtu/hr Curing Oven (CURE 2)	VOC	<0.01	0.02
		PM/PM ₁₀	0.01	0.02
		SO ₂	<0.01	<0.01
		NO _x	0.08	0.29
		CO	0.07	0.24

(1) Emission point identification number from Table 1(a)

(2) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

PM - particulate matter suspended in the atmosphere including PM₁₀

PM₁₀ - particulate matter equal to or less than a nominal 10 microns in aerodynamic diameter

HCl - hydrogen chloride

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

(3) Rate is for a rolling 12-consecutive months

(4) Fugitive emissions

(5) Process (non-combustion) emissions

Dated August 17, 2009