EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20805

This table lists the maximum allowable emission rates and all sources of air contaminants 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.	Source Name (FIN)	Air Contaminant Name (1)	Emission Rates lb/hr	TPY (2)
STAK 02, STAK 03, STAK 04, STAK 05, STAK 06, STAK 07, STAK 09, STAK 10, FUG 04, FUG 05, and FUG 08	EXT 03, EXT 04, EXT 05, INT 02, INT 03, CURE 3, SMALLPRIME, and DIP 02	VOC and ES		80.00
STAK 02, STAK 05, and STAK 06	EXT 03, EXT 05, and INT 02	$PM_{10}/PM_{2.5}$		0.06
STAK 02	Conduit Exterior Priming Booth (EXT 03)	VOC	21.94	
	VOC (EXT 03)	ES	21.94	30.4
	ES 0.48	$PM_{10}/PM_{2.5}$	0.02	0.34
		PM_{10}	0.02	0.03
STAK 03	Electric Preheat Oven (EXT 03)	VOC	9.40	
		ES	0.14	
STAK 04	Conduit Exterior Coating Tank (EXT 04) and Laser Trimming	VOC (3)	10.50	
		HCl (3)	0.03	0.09
STAK 05	Conduit Thread Coating Booth (EXT 05)	VOC	0.50	
		$PM_{10}/PM_{2.5}$	<0.01	

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STAK 06	Small Conduit Interior Coating Booth (INT 02)	VOC ES $PM_{10}/PM_{2.5}$	10.80 8.47 0.01	
STAK 07	Small Conduit Interior Coating Air Drying (INT 02)	VOC ES	3.22 2.53	
STAK 08	Fittings 1.6 MMBtu/hr Preheat Oven (PREHEAT 3)	VOC $PM_{10}/PM_{2.5}$ NO_x CO SO_2	0.01 0.01 0.16 0.13 <0.01	0.04 0.05 0.69 0.58 <0.01
STAK 09	Fittings 1.6 MMBtu/hr Plastisol Cure Oven (CURE 3)	VOC (4) VOC $PM_{10}/PM_{2.5}$ NO_x CO SO_2	0.08 0.01 0.01 0.16 0.13 <0.01	 0.04 0.05 0.69 0.58 <0.01
STAK 10	Small Parts, Fittings, and Couplings Priming Station (SMALLPRIME)	VOC ES	4.67 0.21	
STAK 11	Adhesion Enhancement Grinder (AEP 1) vented through a Cyclone (CYC 01) and Dust Collector (BAGHOUSE 1) exhausted inside Building	PM_{10} (3) $PM_{2.5}$ (3)	0.21 0.12	0.64 0.37
STAK 13	Small Parts Fluidized Bed 0.8 MMBtu/hr Preheat Oven (PREHEAT 4)	VOC $PM_{10}/PM_{2.5}$ NO_x CO SO_2	<0.01 0.01 0.08 0.07 <0.01	0.02 0.03 0.34 0.29 <0.01
STAK 14	Small Parts Fluidized Bed Powder Coater	PM_{10} (3)	0.31	0.95

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	(FLUID 01) vented through a Cartridge Filter (BAGHOUSE 2) exhausted inside Building	$PM_{2.5}$ (3)	0.16	0.49
STAK 15	Small Parts Fluidized Bed 0.8 MMBtu/hr Cure Oven (CURE 4)	VOC	<0.01	0.02
		$PM_{10}/PM_{2.5}$	0.01	0.03
		NO_x	0.08	0.34
		CO	0.07	0.29
		SO_2	<0.01	<0.01
STAK 17	Metal Spray Booth (METALIZING) with Cartridge and HEPA Filter Dust Collectors (ZNFILTER)	$PM_{10}/PM_{2.5}$	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
		NO_x	0.11	0.05
		CO	0.09	0.04
		SO_2	0.07	0.03
FUG 04	Small Parts, Fittings, and Couplings Priming Station (SMALLPRIME)	VOC (3)	2.00	
		ES (3)	0.09	
FUG 05	Two Fittings Plastisol Dip Tanks (DIP 02)	VOC (3)	0.46	
FUG 08	Large Conduit Interior Coating Area (INT 03)	VOC (3)	3.34	
		ES (3)	0.49	
BAKE 1	Pre-Coat 1.2 MMBtu/hr Bake Oven (BAKE 1)	VOC	0.01	0.03
		$PM_{10}/PM_{2.5}$	0.01	0.04
		NO_x	0.12	0.52
		CO	0.10	0.43
		SO_2	<0.01	<0.01
BOILER 1	8.4 MMBtu/hr Boiler (BOILER 1)	VOC	0.05	0.20
		$PM_{10}/PM_{2.5}$	0.06	0.27
		NO_x	0.82	3.61
		CO	0.69	3.03

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		SO_2	<0.01	0.02
CURE 2	Fittings and Couplings	VOC	<0.01	0.02
	Powder Coat 0.8 MMBtu/hr Cure Oven	$PM_{10}/PM_{2.5}$	0.01	0.03
	(CURE 2)	NO_x	0.08	0.34
		CO	0.07	0.29
		SO_2	<0.01	<0.01

(1) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 (30 TAC § 101.1)
ES - exempt solvents as defined in 30 TAC § 101.1
PM_{10} - particulate matter suspended in the atmosphere equal to or less than a nominal 10 microns in aerodynamic diameter
$PM_{2.5}$ - particulate matter suspended in the atmosphere equal to or less than a nominal 2.5 microns in aerodynamic diameter
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide
HCl - hydrogen chloride
(2) Rate is for a rolling 12-consecutive months.
(3) Fugitive emissions.
(4) Process (non-combustion) emissions.

Dated October 19, 2010