

## AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (FIN)	Name (2)	lb/hr	TPY (3)

## 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.

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Emission	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (FIN)	Name (2)	lb/hr	TPY (3)

**Conduits**

STAK11	Adhesion Enhancement Grinder (AEP01) vented through a Cyclone and Dust Collector	PM/PM <sub>10</sub>	0.21	0.50
STAK02	Exterior Priming (EXT03)	VOC	13.76	28.20
		PM/PM <sub>10</sub>	0.04	0.09
STAK03	Preheat Oven (PREHEAT2)	VOC	5.90	12.09
STAK04	Exterior Coating Tank (EXT04) and Laser Cutting	VOC	2.25	5.31
		HCl	0.03	0.07
STAK17	Metal Spray Booth (METALLIZING)	PM/PM <sub>10</sub>	7.20 <sup>-7</sup>	2.26 <sup>-6</sup>
STAK05	Thread Coating (EXT05)	VOC	3.34	7.89
		PM/PM <sub>10</sub>	0.01	0.03
STAK06	Interior Coating (INT02)	VOC	10.70	25.90
		PM/PM <sub>10</sub>	0.01	0.03
STAK07	Interior Coat Air Drying (AIRDRY2)	VOC	3.32	7.85

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Fittings				
BAKE1	Precoat Bake Oven (BAKE1)	PM/PM <sub>10</sub>	0.01	0.03
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.12	0.43
		CO	0.10	0.36
		VOC	0.01	0.02
DRYCOAT	Powder Coating vented through a Baghouse (DRYCOAT)	PM/PM <sub>10</sub> (4)	0.02	0.07
CURE2	Cure Oven (CURE2)	PM/PM <sub>10</sub>	0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.08	0.29
		CO	0.07	0.24
		VOC	<0.01	0.02
STAK10	Prime Coat Dip Tank (DIP01)	VOC	2.80	10.08
FUG04	Prime Coat Dip Tank (DIP01)	VOC (4)	1.20	4.32
STAK08	Preheat Oven (PREHEAT3)	VOC	1.00	3.60
		VOC (5)	0.01	0.03
		PM/PM <sub>10</sub>	0.01	0.04
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.16	0.58
		CO	0.13	0.48
FUG05	Two Plastisol Dip Tanks (DIP02)	VOC (4)	0.46	1.66
STAK09	Cure Oven (CURE3)	VOC	0.08	0.29
		VOC (5)	0.01	0.03
		PM/PM <sub>10</sub>	0.01	0.04
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.16	0.58
		CO	0.13	0.48

**Couplings**

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Emission	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (FIN)	Name (2)	lb/hr	TPY (3)
FUG01	Exterior Prime Coating (EXT01)	VOC (4)	1.02	3.03
Small Fittings/Parts				
FUG07	Exterior Prime Coating (EXT06)	VOC (4)	1.00	1.00
STAK13	Preheat Oven (PREHEAT4)	PM/PM <sub>10</sub>	0.01	0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.08	0.16
		CO	0.07	0.13
		VOC	<0.01	0.01
STAK14	Fluidized Bed Coater (FLUID01) vented through a Baghouse (BAGHOUSE2)	PM/PM <sub>10</sub>	0.31	0.62
STAK15	Cure Oven (CURE4)	PM/PM <sub>10</sub>	0.01	0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.08	0.16
		CO	0.07	0.13
		VOC	<0.01	0.01
Other				
BOILER1	Boiler	PM/PM <sub>10</sub>	0.04	0.08
		SO <sub>2</sub>	<0.01	0.01
		NO <sub>x</sub>	0.54	1.08
		CO	0.45	0.91
		VOC	0.03	0.06

(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 PM<sub>10</sub>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

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Emission Point No. (1)	Source Name (FIN)	Air Contaminant Name (2)	<u>Emission Rates</u>	
			lb/hr	TPY (3)

NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

HCl - hydrogen chloride

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

(4) Fugitive emissions

(5) VOC from combustion only

Dated November 7, 2003