

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21548

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property 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. (1)	Source		Air Contaminant		Emission Rates *	
	Name (2)	Name (3)	lb/hr	TPY		
EPN 1	Storage Tanks		VOC		0.02	0.04
EPN 2,3,6,7	Spray Tanks		Cl <sub>2</sub>		0.001	0.001
EPN 4,5,8,9,10	Heaters and Oven		CO		0.16	0.33
			NO <sub>x</sub>		0.80	1.66
			SO <sub>2</sub>		0.005	0.01
			PM		0.040	0.08
			Non-Methane (VOC)		0.042	0.09
EPN 11,12,13,14, 15,16,17	Spray Booths, Oven, Flash Tunnel, Cooling Tunnel		VOC		12.187.12	
			PM		0.04	0.02
			CO		0.133	0.28
			NO <sub>x</sub>		0.667	1.39
			SO <sub>2</sub>		0.004	0.01
			PM		0.033	0.07
EPN 18,19	Immersion Tanks		Non-Methane (VOC)		0.035	0.07
			Cl <sub>2</sub>		0.001	
EPN 20,21,22	Immersion Tank Heaters		CO		0.192	0.40
			NO <sub>x</sub>		0.962	2.00
			SO <sub>2</sub>		0.006	0.01
			PM		0.048	0.10
			Non-Methane (VOC)		0.051	0.11
EPN 23,24,25,26	E-Coat Tanks, E-Coat Ovens, Cooling		VOC		8.40	9.70
			PM			0.00

Tunnel	CO		0.152
	0.32		
	NO <sub>x</sub>	0.762	1.58
	SO <sub>2</sub>	0.005	0.01
	PM		0.038
	0.08		
	Non-Methane (VOC)	0.040	0.08

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
EPN 27,28,31, 32,33	CARC Spray Booth, Make-up Air Units, Flash Tunnel, Bake Oven, Cooling Tunnel	VOC	28.56	19.04
		PM	0.07	0.05
		CO	0.196	0.41
		NO <sub>x</sub>	0.981	2.04
		SO <sub>2</sub>	0.006	0.01
		PM	0.049	0.10
		Non-Methane (VOC)	0.052	0.11
EPN 34	Paint Kitchen	VOC	2.87	1.37
EPN 35,36,37	In-line Paint Booth, Bake Oven	VOC	9.18	5.12
		PM	0.01	0.02
		CO		0.067
		0.14		
		NO <sub>x</sub>	0.333	0.69
		SO <sub>2</sub>	0.002	0.01
		PM		0.017
		0.03		
		Non-Methane (VOC)	0.018	0.04
EPN 38	Paint Kitchen	VOC	3.53	3.67
EPN 39,40,41, 42,43	Camo Paint Booth, Bake Oven 0.07	VOC	96.90	27.59
		PM		0.25
		CO		0.086
		0.18		
		NO <sub>x</sub>	0.429	0.89
		SO <sub>2</sub>	0.003	0.01
		PM		0.021
		0.04		
		Non-Methane (VOC)	0.023	0.05
EPN 44	Paint Kitchen	VOC	0.71	0.33

EPN 45	Paint Repair Booth	VOC PM	8.16 0.02	6.97 0.02
F1	Flash Area between CARC Primer and CARC Spray (small parts)	VOC	0.01	0.02
F2	Immersion Tanks	Cl <sub>2</sub> 0.001	0.001	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY	
F3	E-Coat			VOC	0.05      0.10
F4	In-line Wipedown, Primer Touch-up			VOC	2.47      5.13
F5	Diesel Fueling of Trucks			VOC	0.01      0.01
F6	Camo Wipedown, Primer Touch-up			VOC	2.47      5.13
F7	Outdoor Sandblasting			PM	0.31      0.38
F8	Cooling Towers and Wastewater pond			Cl <sub>2</sub>	0.13      0.60
F9	Safety-Kleen			VOC	0.29      0.60
F10	Solvent Still			VOC	6.38      1.38
F11	Sealants/Adhesives			VOC	0.79      1.64

(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

CO - carbon monoxide

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

SO<sub>2</sub> - sulfur dioxide

Cl<sub>2</sub> - chlorine

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 16 Days/week 5 Weeks/year 52 or Hrs/year 4,160

Revised \_\_\_\_\_