

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21548

This table lists the maximum allowable emission rates. The total emissions of air contaminants from any of the sources listed in this table shall not exceed the values stated. 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 sources.

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
EPN 1	Storage Tanks	VOC	0.02	0.04
EPN 2,3,6,7	Spray Tanks	Cl ₂	0.001	0.001
EPN 4,5,8,9,10	Heaters and Oven	CO	0.16	0.33
		NO _x	0.80	1.66
		SO ₂	0.005	0.01
		Non-Methane (VOC)	0.042	0.09
EPN 11,12,13,14, 15,16,17	Spray Booths, Oven, Flash Tunnel, Cooling Tunnel	VOC	12.18	7.12
		PM	0.04	0.02
		CO	0.133	0.28
		NO _x	0.667	1.39
		SO ₂	0.004	0.01
		PM	0.033	0.07
		Non-Methane (VOC)	0.035	0.07
EPN 18,19	Immersion Tanks	Cl ₂	0.001	0.001
EPN 20,21,22	Immersion Tank Heaters 0.40	CO		0.192
		NO _x	0.962	2.00
		SO ₂	0.006	0.01
		PM	0.048	0.10
		Non-Methane (VOC)	0.051	0.11

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
EPN 23,24,25,26	E-Coat Tanks, E-Coat Ovens, Cooling Tunnel	VOC	8.40	9.70
		PM	0.00	0.00
		CO	0.152	0.32
		NO _x	0.762	1.58
		SO ₂	0.005	0.01
		PM	0.038	0.08
		Non-Methane (VOC)	0.040	0.08
EPN 27,28,31, 32,33	CARC Spray Booth, Make-Up Air Units, Flash Tunnel, Bake Oven, Cooling Tunnel 2.04	VOC	28.56	19.04
		PM	0.07	0.05
		CO	0.196	0.41
		NO _x		0.981
		SO ₂	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	0.028	0.015
		CO	0.067	0.14
		NO _x	0.333	0.69
		SO ₂	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

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			lb/hr	TPY
EPN 39,40,41, 42,43	Camo Paint Booth, Bake Oven	VOC	96.90	27.59
		PM	0.25	0.07
		CO	0.086	0.18
		NO _x	0.429	0.89
		SO ₂	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	8.16	6.97
		PM	0.02	0.02
F1	Flash Area between CARC Primer and CARC Spray (small parts)	VOC	0.01	0.02
F2	Immersion Tanks	Cl ₂	0.001	0.001
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

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Emission * Point No.	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
F7	Outdoor Sandblasting	PM	0.31	0.38
F8	Cooling Towers and Wastewater Pond	Cl ₂	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_x - nitrogen oxides

SO₂ - sulfur dioxide

Cl₂ - chlorine

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated _____