EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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 Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY (4)	
4, 5, 16	Small Aluminum Parts Pretreatment Heaters	VOC (5)	0.05	0.20	
		NO_x	0.79	3.44	
		CO	0.66	2.89	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.06	0.26	
		SO_2	<0.01	0.02	
8, 9, 10	Small Steel Parts Pretreatment Heaters	VOC (5)	0.04	0.18	
		NO_x	0.72	3.09	
		CO	0.60	2.61	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.06	0.24	
		SO_2	<0.01	0.03	
11, 12, 13, 14	Small Parts Primer and Finish Booths and AMU	VOC (5)	0.04	0.12	
		NO_x	0.48	2.08	
		CO	0.40	1.73	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.04	0.16	
		SO_2	<0.01	0.01	
		VOC (6)	18.08		*
		ES (6)	1.40		**
		$PM/PM_{10}/PM_{2.5}$ (6)	0.04		***
17	Small Parts Booth Oven and Heater	VOC (5)	0.02	0.07	
		NO_x	0.29	1.29	
		CO	0.25	1.08	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.02	0.10	
		SO_2	<0.01	0.01	
		VOC (6)	11.74		*
20, 21, 22	#1 E-Coat Tank Heaters	VOC (5)	0.05	0.24	

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		NO_x	0.99	4.34	
		CO	0.83	3.64	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.08	0.33	
		SO_2	0.01	0.03	
23	#1 E-Coat Dip Tank	VOC (6)	0.51		*
24, 25, 26	#1 E-Coat Ovens and Heaters	VOC (5)	0.04	0.19	
		NO_x	0.78	3.45	
		CO	0.66	2.89	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.06	0.27	
		SO_2	<0.01	0.03	
		VOC (6)	<0.01		*
27, 28, 31	#1 E-Coat CARC Paint Booths	VOC (6)	13.05		*
		ES (6)	1.38		**
		$PM/PM_{10}/PM_{2.5}$ (6)	0.04		***
32, 33	#1 E-Coat CARC Ovens and Heaters	VOC (5)	0.02	0.08	
		NO_x	0.34	1.50	
		CO	0.29	1.26	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.03	0.12	
		SO_2	<0.01	0.01	
		VOC (6)	8.7		*
34	In-Line Paint Kitchen	VOC (6)	0.15		*
35, 36	In-Line Paint Booth and AMU	VOC (5)	0.02	0.08	
		NO_x	0.34	1.50	
		CO	0.29	1.26	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.03	0.12	
		SO_2	<0.01	0.01	
		VOC (6)	8.60		*
		ES (6)	1.38		**
		$PM/PM_{10}/PM_{2.5}$ (6)	0.02		***
37	In-Line Oven Heaters	VOC (5)	0.02	0.07	
		NO_x	0.29	1.26	
		CO	0.24	1.06	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.02	0.10	
		SO_2	<0.01	0.01	

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		VOC (6)	5.73		*
38	CAMO Paint Kitchen	VOC (6)	0.01		*
39, 40, 41, 42	CAMO Paint Booths and AMU	VOC (5)	0.04	0.12	
		NO_x	0.44	1.93	
		CO	0.37	1.64	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.04	0.16	
		SO_2	<0.01	0.01	
		VOC (6)	5.22		*
		ES (6)	1.40		**
		$PM/PM_{10}/PM_{2.5}$ (6)	0.02		***
43	CAMO Oven and Heater	VOC (5)	0.01	0.06	
		NO_x	0.25	1.07	
		CO	0.21	0.90	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.02	0.08	
		SO_2	<0.01	0.01	
		VOC (6)	3.48		*
44, 87	LTAS Finish Booth and AMU	VOC (5)	0.02	0.06	
		NO_x	0.26	1.16	
		CO	0.22	0.98	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.02	0.09	
		SO_2	<0.01	0.01	
		VOC (6)	20.64		*
		ES (6)	1.38		**
		$PM/PM_{10}/PM_{2.5}$ (6)	0.06		***
45	LTAS Primer Oven Heater	VOC (5)	0.01	0.02	
		NO_x	0.10	0.43	
		CO	0.08	0.36	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.01	0.03	
		SO_2	<0.01	<0.01	
		VOC (6)	6.88		*
46, 47	LTAS Primer Booth and AMU	VOC (5)	0.02	0.06	
		NO_x	0.26	1.16	
		CO	0.22	0.98	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.02	0.09	

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		SO_2	<0.01	0.01	
		VOC (6)	10.32		*
		ES (6)	1.38		**
		$PM/PM_{10}/PM_{2.5}$ (6)	0.02		***
48	LTAS Pretreatment Oven Heater	VOC (5)	<0.01	0.02	
		NO_x	0.08	0.34	
		CO	0.07	0.29	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.01	0.03	
		SO_2	<0.01	<0.01	
49	LTAS Finish Oven Heater	VOC (5)	0.01	0.02	
		NO_x	0.10	0.43	
		CO	0.08	0.36	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.01	0.03	
		SO_2	<0.01	<0.01	
		VOC (6)	13.76		*
50, 51	#2 E-Coat CARC Finish Booths and AMU	VOC (5)	0.02	0.10	
		NO_x	0.40	1.72	
		CO	0.33	1.44	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.03	0.14	
		SO_2	<0.01	0.02	
		VOC (6)	11.74		*
		ES (6)	1.92		**
		$PM/PM_{10}/PM_{2.5}$ (6)	0.04		***

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52	#2 E-Coat CARC Oven Heater	VOC (5)	0.02	0.08	
		NO_x	0.34	1.50	
		CO	0.29	1.26	
		$PM/PM_{10}/PM_{2.5}$(5)	0.03	0.11	
		SO_2	<0.01	0.01	
		VOC (6)	7.63		*
53	LTAS Paint Kitchen	VOC (6)	0.01		*
59, 60	#2 E-Coat CARC Oven Heaters	VOC (5)	0.06	0.25	
		NO_x	1.03	4.51	
		CO	0.86	3.79	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.08	0.34	
		SO_2	0.01	0.03	
		VOC (6)	<0.01		*
62, 63, 64	#2 E-Coat CARC Pretreatment Heaters	VOC (5)	0.03	0.15	
		NO_x	0.60	2.58	
		CO	0.49	2.16	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.04	0.21	
		SO_2	<0.01	0.03	
73	#2 E-Coat Kitchen	VOC (6)	0.07		*
74, 75, 76, 77	Large Cab LSAC Paint Booth and AMU	VOC (5)	0.01	0.08	
		NO_x	0.28	1.16	
		CO	0.24	0.97	
		$PM/PM_{10}/PM_{2.5}$ (5)	0.04	0.09	
		SO_2	<0.01	0.01	
		VOC (6)	9.48		*
		ES (6)	1.92		**
		$PM/PM_{10}/PM_{2.5}$ (6)	0.04		***
78	Large Cab LSAC Paint Kitchen	VOC (6)	0.02		*
79	Large Cab LSAC Oven	VOC (5)	0.01	0.02	

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	and Heater	NO_x	0.10	0.43
		CO	0.08	0.36
		$PM/PM_{10}/PM_{2.5}$ (5)	0.01	0.03
		SO_2	<0.01	<0.01
		VOC (6)	6.31	*
80, 81, 82, 83	LTAS Pretreatment Heaters	VOC (5)	0.04	0.19
		NO_x	0.77	3.33
		CO	0.64	2.79
		$PM/PM_{10}/PM_{2.5}$ (5)	0.06	0.27
		SO_2	<0.01	0.02
85	CPC Paint Booth	VOC	1.72	*
		ES	1.38	**
		$PM/PM_{10}/PM_{2.5}$	<0.01	***
86	CPC Water Heater	VOC (5)	<0.01	0.01
		NO_x	0.05	0.21
		CO	0.04	0.18
		$PM/PM_{10}/PM_{2.5}$ (5)	<0.01	0.02
		SO_2	<0.01	<0.01
88	Final Prep Repair Paint Kitchen	VOC (6)	<0.01	*
89	Final Prep Repair Paint Booth	VOC (6)	2.87	*
		ES (6)	0.54	**
		$PM/PM_{10}/PM_{2.5}$ (6)	<0.01	***
90, 91, 92	#2 E-Coat Dip Tanks	VOC (6)	0.51	*
93, FDRY	CAMO Dry Off Booth AMU	VOC (5)	0.05	0.20
		NO_x	0.83	3.65
		CO	0.70	3.07
		$PM/PM_{10}/PM_{2.5}$ (5)	0.06	0.28
		SO_2	0.01	0.02
100	Small Aluminum Parts Tanks Heaters	VOC (5)	0.01	0.04
		NO_x	0.15	0.64

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		CO	0.12	0.54
		$PM/PM_{10}/PM_{2.5}$ (5)	0.01	0.05
		SO_2	<0.01	<0.01
F6	Building 6 Fugitives	VOC (6)	5.63	*
F13B	Building 2 Fugitives	VOC (6)	1.56	*
F14	CPC Fugitives	VOC (6)	1.15	*
SITEWIDE		VOC (6)	--	94.2
		ES (6)	--	3.6
		$PM/PM_{10}/PM_{2.5}$ (6)	--	0.15
		Individual HAP	--	<10.00 (7)
		Combined HAP		<25.00 (7)

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
ES - exempt solvent: those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$
PM_{10} - particulate matter equal to or less than 10 microns in diameter
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations (40 CFR Part 63), Subpart C
(4) Compliance with annual emission limits is based on a rolling 12-month period.
(5) Combustion emissions.
(6) Coatings emissions.
(7) This HAP limit is being included to maintain minor source status under 40 CFR Part 63.

* The combined allowable VOC emission rate for these sources is 94.2 tons per year (tpy).
** The combined allowable ES emission rate for these sources is 3.6 tpy.
*** The combined allowable $PM/PM_{10}/PM_{2.5}$ emission rate for these sources is 0.07 tpy.

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Dated August 19, 2010