

Emission Sources - Maximum Allowable Emission Rates

Permit Number 9345A

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
E-101	Flare	VOC	382.50	6.48
		NO _x	15.35	1.79
		CO	30.70	3.57
		SO ₂	0.17	0.06
		NH ₃	584.01	7.65
		Exempt Solvent	19.34	0.15
E-103	Boiler	VOC	0.07	0.29
		NO _x	1.23	5.35
		CO	1.03	4.50
		SO ₂	0.01	0.03
		PM	0.09	0.41
		PM ₁₀	0.09	0.41
		PM _{2.5}	0.09	0.41
E-106A	Coating Booth 1A	VOC	35.93	12.81
		Exempt Solvent	17.86	2.62
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-106H1	Coating Booth 1A-Heater	VOC	0.02	0.02
		NO _x	0.37	0.28
		CO	0.31	0.23
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02

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		PM _{2.5}	0.03	0.02
E-106B	Coating Booth 1B	VOC	35.93	12.81
		Exempt Solvent	17.86	2.62
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-106H1B	Coating Booth 1B - Heater	VOC	0.02	0.02
		NO _x	0.37	0.28
		CO	0.31	0.23
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
E-106C	Coating Booth 2	VOC	35.93	12.81
		Exempt Solvent	17.86	2.62
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-106H2	Coating Booth 2 - Heater	VOC	0.02	0.02
		NO _x	0.37	0.28
		CO	0.31	0.23
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
E-106D	Coating Booth 2B	VOC	35.93	12.81
		Exempt Solvent	17.86	2.62
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01

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		PM _{2.5}	<0.01	<0.01
E-106H2B	Coating Booth 2B - Heater	VOC	0.02	0.02
		NO _x	0.37	0.28
		CO	0.31	0.23
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
E-107	Abrasive Blasting with Prep Room Dryer Vented to a Baghouse	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-108	Wheelabrator Autoblaster	PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
E-109	Indoor Hand Blast	PM	<0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	0.01
E-110	Hand Blast/Sponge Jet	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-112	Railcar Heel Storage Tank	VOC	15.40	0.35
E-113	South Indoor Blast	PM	<0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	0.01
E-114	South Interior Coating	VOC	282.57	31.79
		Exempt Solvent	142.90	18.76
		PM	0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01

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E-115	South Curing Stack 1	VOC	11.03	1.24
		Exempt Solvent	5.58	0.73
E-115H	South Curing Stack 1 Heater	VOC	0.02	0.02
		NO _x	0.39	0.29
		CO	0.33	0.25
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
E-116	South Curing Stack 2	VOC	11.03	1.24
		Exempt Solvent	5.58	0.73
E-116H	South Curing Stack 2 Heater	VOC	0.02	0.02
		NO _x	0.39	0.29
		CO	0.33	0.25
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
E-117	South Curing Stack 3	VOC	11.03	1.24
		Exempt Solvent	5.58	0.73
E-117H	South Curing Stack 3 Heater	VOC	0.02	0.02
		NO _x	0.39	0.29
		CO	0.33	0.25
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
E-118	South Curing Stack 4	VOC	11.03	1.24
		Exempt Solvent	5.58	0.73

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E-118H	South Curing Stack 4 Heater	VOC	0.02	0.02
		NO _x	0.39	0.30
		CO	0.33	0.25
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
E-119	South Coating Booth 1	VOC	35.93	6.74
		Exempt Solvent	17.86	2.62
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-119/E-120	South Air Makeup Unit	VOC	0.01	0.01
		NO _x	0.26	0.20
		CO	0.22	0.17
		SO ₂	<0.01	<0.01
		PM	0.02	0.03
		PM ₁₀	0.02	0.03
		PM _{2.5}	0.02	0.03
E-120	South Coating Booth 2	VOC	35.93	6.74
		Exempt Solvent	17.86	2.62
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-121	South Paint Mixing	VOC	<0.01	2.68
		Exempt Solvent	<0.01	0.58
E-121CLN	South Gun Cleaning	VOC	8.96	2.80
E-122	South Touch Up	VOC	9.80	1.84
		Exempt Solvent	3.26	0.71

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E-123	Coating Add	VOC	211.93	23.84
		Exempt Solvent	107.17	14.07
		PM	0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-124	Curing Add	VOC	33.08	3.72
		Exempt Solvent	16.73	2.20
E-124H1	Curing Heater 1 Add	VOC	0.02	0.02
		NO _x	0.39	0.29
		CO	0.33	0.25
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
E-124H2	Curing Heater 2 Add	VOC	0.02	0.02
		NO _x	0.39	0.29
		CO	0.33	0.25
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02
E-124H3	Curing Heater 3 Add	VOC	0.02	0.02
		NO _x	0.39	0.29
		CO	0.33	0.25
		SO ₂	<0.01	<0.01
		PM	0.03	0.02
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
F-101	Cleaning Rack Fugitive	VOC	14.43	5.25
		Exempt Solvent	6.34	2.31

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		NH ₃	0.04	0.01
F-101P	Cleaning Pipe Fugitives	VOC	0.19	0.85
		Exempt Solvent	0.19	0.85
		NH ₃	0.19	0.85
F-102	Wastewater Pond Fugitives	VOC	7.68	0.35
F-103A	Curing Booth 1 Fugitives	VOC	11.03	1.84
		Exempt Solvent	5.58	0.73
F-103B	Curing Booth 1 Gun Cleaning Fugitives	VOC	8.96	2.80
F-103C	Curing Booth 1 Mixing Fugitives	VOC	<0.01	2.68
		Exempt Solvent	<0.01	0.58
F-103H1	Curing Booth 1 Heater 1	VOC	0.01	0.01
		NO _x	0.25	0.18
		CO	0.21	0.15
		PM	0.02	0.01
		PM ₁₀	0.02	0.01
		PM _{2.5}	0.02	0.01
F-103H2	Curing Booth 1 Heater 2	VOC	0.01	0.01
		NO _x	0.25	0.18
		CO	0.21	0.15
		PM	0.02	0.01
		PM ₁₀	0.02	0.01
		PM _{2.5}	0.02	0.01
F-104A	Curing Booth 2 Fugitives	VOC	11.03	1.84
		Exempt Solvent	5.58	0.73
F-104B	Curing Booth 2 Gun Cleaning Fugitives	VOC	8.96	2.80
F-104C	Curing Booth 2 Mixing Fugitives	VOC	<0.01	2.68
		Exempt Solvent	<0.01	0.58
F-104H1	Curing Booth 2 Heater 1	VOC	0.02	0.01

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		NO _x	0.29	0.22
		CO	0.25	0.19
		SO ₂	<0.01	<0.01
		PM	0.02	0.02
		PM ₁₀	0.02	0.02
		PM _{2.5}	0.02	0.02
F-104H2	Curing Booth 2 Heater 2	VOC	0.02	0.01
		NO _x	0.29	0.22
		CO	0.25	0.19
		SO ₂	<0.01	<0.01
		PM	0.02	0.02
		PM ₁₀	0.02	0.02
		PM _{2.5}	0.02	0.02
F-104D	Curing Booth 2 Touch Ups	VOC	<0.01	0.13
		Exempt Solvent	<0.01	0.05
F-105	Touch Up Fugitives	VOC	1.31	0.13
		Exempt Solvent	0.44	0.05
F-106	Outdoor Abrasive Blasting	PM	0.09	0.41
		PM ₁₀	0.09	0.41
		PM _{2.5}	0.09	0.41
F-107U	Uncontrolled Hatch Release	VOC	136.99	3.12
		Exempt Solvent	35.01	0.80
F-107S	Solids Deheeling	NH ₃	61.31	1.39
F-107L	Liquid Deheeling	PM	0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
F-108	Blast Prep Drier	VOC	<0.01	<0.01
		NO _x	0.18	0.13
		CO	0.15	0.11

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		SO ₂	<0.01	<0.01
		PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- HRVOC - highly reactive volatile organic compounds as defined in 30 TAC § 115.10
- IOC-U - inorganic compounds (unspeciated)
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- 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 Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: May 3, 2022