

Emission Sources - Maximum Allowable Emission Rates

Permit Number 56685

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 (8)	
			lbs/hour	TPY (4)
PB-1A, 1B, 1C, and 1D	Paint Booth No. 1	VOC	47.21	
		PM ₁₀	0.01	
		PM _{2.5}	0.01	
		Exempt Solvent	3.28	
PB-2A, 2B, 2C, and 2D	Paint Booth No. 2	VOC	47.21	
		PM ₁₀	0.01	
		PM _{2.5}	0.01	
		Exempt Solvent	3.28	
PB-3A, 3B, 3C, 3D, 3E, 3F, 3G, and 3H	Paint Booth No. 3 and Natural Gas-Fired Heater (3 MMBtu/hr)	VOC	47.21	
		VOC (5)	0.02	0.03
		PM ₁₀	0.03	0.04
		PM _{2.5}	0.03	0.04
		NO _x	0.30	0.55
		SO ₂	<0.01	<0.01
		CO	0.25	0.46
		Exempt Solvent	3.28	

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PB-4A, 4B, 4C, 4D, 4E, 4F, 4G, and 4H	Paint Booth No. 4	VOC	47.21	
		PM ₁₀	0.01	
		PM _{2.5}	0.01	
		Exempt Solvent	3.28	
PB-5A, 5B, 5C, 5D, 5E, 5F, 5G, 5H, 5I, 5J, 5K, and 5L	Paint Booth No. 5	VOC	70.81	
		PM ₁₀	0.01	
		PM _{2.5}	0.01	
		Exempt Solvent	4.92	
PB-5BH	Abrasive Blast Booth No. 5	PM ₁₀	0.02	0.06
		PM _{2.5}	0.02	0.06
DR-1A and 1B	Dryer Oven No. 1 (2 MMBtu/hr)	VOC	4.88	
		VOC (5)	0.01	0.02
		PM ₁₀	0.02	0.03
		PM _{2.5}	0.02	0.03
		NO _x	0.19	0.35
		SO ₂	<0.01	<0.01
		CO	0.16	0.29

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DR-2A and 2B	Dryer Oven No. 2 (2 MMBtu/hr)	VOC	4.88	
		VOC (5)	0.01	0.02
		PM ₁₀	0.02	0.03
		PM _{2.5}	0.02	0.03
		NO _x	0.19	0.35
		SO ₂	<0.01	<0.01
		CO	0.16	0.29
COAT1FUG	Bay 4 Paint Fugitives	VOC	19.49	
COAT2FUG	Bay 3 Paint Fugitives	VOC	6.10	
		PM ₁₀	0.85	
		PM _{2.5}	0.85	
COAT3FUG	Outdoor Paint Fugitives	VOC	7.31	
AB-1A and AB-1B	Abrasive Blast Booth No. 1	PM ₁₀	0.06	0.23
		PM _{2.5}	0.06	0.23
AB-2A and AB-2B	Abrasive Blast Booth No. 2	PM ₁₀	0.06	0.23
		PM _{2.5}	0.06	0.23
AB-3	Auto Blast Cabinet	PM ₁₀	0.13	0.48
		PM _{2.5}	0.13	0.48
AB-4	Portable Blast Cabinet Filter	PM ₁₀	0.13	0.48
		PM _{2.5}	0.13	0.48

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AB4-FUG	Portable Blast Cabinet Fugitives	PM	0.09	0.16
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
All Emission Points at the Site Covered by this Permit	Various	VOC (6)		79.00
		VOC + Exempt Solvent (6)		79.94
		PM ₁₀ (6)(7)		0.13
		PM _{2.5} (6)(7)		0.13
All Emission Points at the Site	All Sources at the Site	Individual HAP		<10.00
		All HAPs		<25.00

- (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
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5}
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5}
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
NO _x	- total oxides of nitrogen
SO ₂	- sulfur dioxide
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) Combustion emissions.
- (6) Excludes combustion emissions.
- (7) Excludes abrasive blasting emissions.
- (8) The allowable emission rates include planned maintenance, startup, and shutdown activities.

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Date: April 12, 2013