

Emission Sources - Maximum Allowable Emission Rates

Permit Number 43334

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 (6)	
			lbs/hour	TPY (5)
PB_F1	Front Paint Booth Stack 1. Includes a Natural Gas-Fired Air Makeup Unit Rated at 2.1 MMBtu/hr.	VOC	18.18	3.86
		Exempt Solvent	16.49	8.91
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		NO _x (4)	0.21	0.90
		SO ₂ (4)	<0.01	0.01
		CO (4)	0.17	0.76
		VOC (4)	0.01	0.05
		PM (4)	0.02	0.07
		PM ₁₀ (4)	0.02	0.07
		PM _{2.5} (4)	0.02	0.07
PB_F_Out	Front Booth Drying Area Fugitives	VOC	0.42	0.09
		Exempt Solvent	0.08	0.03

PB_B1 through PB_B8	Back Paint Booth Stacks 1 through 8. Includes Four Natural Gas-Fired Air Makeup Units Rated at 2.5 MMBtu/hr Each.	VOC	36.36	9.88
		Exempt Solvent	32.99	12.19
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		NO _x (4)	0.98	4.29
		SO ₂ (4)	0.01	0.03
		CO (4)	0.82	3.61
		VOC (4)	0.05	0.24
		PM (4)	0.07	0.33
		PM ₁₀ (4)	0.07	0.33
		PM _{2.5} (4)	0.07	0.33
PB_B_Out	Back Booth Drying Area Fugitives	VOC	0.83	0.23
		Exempt Solvent	0.17	0.08
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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - 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
SO₂ - 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) Products of combustion.
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (6) The allowable emission rates include planned maintenance, startup and shutdown activities.

Date: #####, 2014

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