

Emission Sources - Maximum Allowable Emission Rates

Permit Number 100024

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 (7)	
			lbs/hour	TPY (4)
PB-1A through PB-1D	Paint Booth 1 – Stacks A through D	VOC	70.16	9.25
		ES	27.92	1.00
		Pb	<0.01	<0.01
		PM	0.15	<0.01
		PM ₁₀	0.05	<0.01
		PM _{2.5}	0.05	<0.01
HTR-PB1	Diesel Heater 3 – Paint Booth 1 (0.5 MMBtu/hr) (6)	VOC (5)	<0.01	<0.01
		PM (5)	0.01	0.01
		PM ₁₀ (5)	0.01	0.01
		PM _{2.5} (5)	0.01	0.01
		NO _x (5)	0.07	0.06
		CO (5)	0.02	0.02
		SO ₂ (5)	<0.01	<0.01
PB-2A and PB-2B	Paint Booth 2 – Stacks A and B	VOC	70.16	9.25
		ES	27.92	1.00
		Pb	<0.01	<0.01
		PM	0.15	<0.01
		PM ₁₀	0.05	<0.01
		PM _{2.5}	0.05	<0.01

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HTR-PB2	Diesel Heater 1 – Paint Booth 2 (0.5 MMBtu/hr) (6)	VOC (5)	<0.01	<0.01
		PM (5)	0.01	0.01
		PM ₁₀ (5)	0.01	0.01
		PM _{2.5} (5)	0.01	0.01
		NO _x (5)	0.07	0.06
		CO (5)	0.02	0.02
		SO ₂ (5)	<0.01	<0.01
PB-3A and PB-3B	Paint Booth 3 – Stacks A and B	VOC	70.16	9.25
		ES	27.92	1.00
		Pb	<0.01	<0.01
		PM	0.15	0.01
		PM ₁₀	0.05	0.01
		PM _{2.5}	0.05	0.01
HTR-PB3	Diesel Heater 2 – Paint Booth 3 (0.5 MMBtu/hr) (6)	VOC (5)	<0.01	<0.01
		PM (5)	0.01	0.01
		PM ₁₀ (5)	0.01	0.01
		PM _{2.5} (5)	0.01	0.01
		NO _x (5)	0.07	0.06
		CO (5)	0.02	0.02
		SO ₂ (5)	<0.01	<0.01

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PB-4	Paint Booth 4 and one direct-fired propane heater	VOC	70.16	3.24
		ES	27.92	0.35
		Pb	<0.01	<0.01
		PM	0.15	<0.01
		PM ₁₀	0.05	<0.01
		PM _{2.5}	0.05	<0.01
		VOC (5)	0.01	0.01
		PM (5)	0.01	0.02
		PM ₁₀ (5)	0.01	0.02
		PM _{2.5} (5)	0.01	0.02
		NO _x (5)	0.20	0.34
		CO (5)	0.11	0.20
		SO ₂ (5)	0.02	0.04
PB-5	Paint Booth 5 and one direct-fired propane heater	VOC	105.24	16.65
		ES	41.88	1.80
		Pb	<0.01	<0.01
		PM	0.23	<0.01
		PM ₁₀	0.07	<0.01
		PM _{2.5}	0.07	<0.01
		VOC (5)	0.02	0.03
		PM (5)	0.03	0.05
		PM ₁₀ (5)	0.03	0.05
		PM _{2.5} (5)	0.03	0.05
		NO _x (5)	0.50	0.85
		CO (5)	0.29	0.49
		SO ₂ (5)	0.06	0.10
All Emission Points at the Site	All Sources at the Site	Individual HAP	--	<10.00
		Combined HAP	--	<25.00

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- (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.
Pb - lead
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) Products of combustion.
- (6) The diesel-fired heaters shall be limited to 1,716 hours of operation annually per unit.
- (7) Allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: October 15, 2018