

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 (5)	
			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 ₁₀	0.05	<0.01
		PM _{2.5}	0.05	<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 ₁₀	0.05	<0.01
		PM _{2.5}	0.05	<0.01
HTR-PB2	Paint Booth 2 – Diesel Heater (0.5 MMBtu/hr)	VOC	<0.01	<0.01
		PM	0.01	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
		NO _x	0.07	0.12
		CO	0.02	0.03
		SO ₂	<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

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		PM ₁₀	0.05	<0.01
		PM _{2.5}	0.05	<0.01
HTR-PB3	Paint Booth 3 – Diesel Heater (0.5 MMBtu/hr)	VOC	<0.01	<0.01
		PM	0.01	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
		NO _x	0.07	0.12
		CO	0.02	0.03
		SO ₂	<0.01	<0.01
PB-4	Paint Booth 4	VOC	70.16	3.24
		ES	27.92	0.35
		Pb	<0.01	<0.01
		PM ₁₀	0.05	<0.01
		PM _{2.5}	0.05	<0.01
HTR-PB4	Paint Booth 4 – Heater	VOC	0.01	0.01
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
		NO _x	0.20	0.34
		CO	0.11	0.20
		SO ₂	0.02	0.04
PB-5	Paint Booth 5	VOC	105.24	16.65
		ES	41.88	1.80
		Pb	<0.01	<0.01
		PM ₁₀	0.07	0.01
		PM _{2.5}	0.07	0.01

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HTR-PB5	Paint Booth 5 - Heater	VOC	0.02	0.03
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.03	0.05
		NO _x	0.50	0.85
		CO	0.29	0.49
		SO ₂	0.06	0.10
SITEWIDE		Individual HAP		<10.00
		Combined HAP		<25.00

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point 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.
Pb - lead
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
CO - carbon monoxide
SO₂ - sulfur dioxide
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) Allowable emission rates include planned maintenance, startup and shutdown activities.

Date: June 2, 2016