

Emission Sources - Maximum Allowable Emission Rates

Permit Number 53418

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)
1A and 1B	Paint Booth 1 – Painting Mode	VOC	16.08	--
		Exempt Solvent	18.5	--
		PM ₁₀	<0.01	--
		PM _{2.5}	<0.01	--
1A and 1B	Paint Booth 1 – Curing Mode Including 1.4 MMBtu/hr Natural Gas Fired Heater	VOC	10.28	--
		Exempt Solvent	11.83	--
		VOC (6)	<0.01	0.02
		PM ₁₀ (6)	0.01	0.03
		PM _{2.5} (6)	0.01	0.03
		NO _x	0.14	0.43
		CO	0.12	0.36
		SO ₂	<0.01	<0.01
2A and 2C	Paint Booth 2 – Painting Mode and 2.77 MMBtu/hr Natural Gas Fired Air Makeup Unit Heater	VOC	16.08	--
		Exempt Solvent	18.5	--
		PM ₁₀	<0.01	--
		PM _{2.5}	<0.01	--
		VOC (6)		
		PM ₁₀ (6)		
		PM _{2.5} (6)		
		NO _x		

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		CO		
		SO ₂		
3A	Paint Booth 3	VOC		
		Exempt Solvent		
		PM		
		PM ₁₀		
		PM _{2.5}		
1B	Cure Booth 1	VOC		
		Exempt Solvent		
		VOC (6)		
		PM ₁₀		
		PM _{2.5}		
		NO _x		
		CO		
		SO ₂		
2B	Cure Booth 2	VOC		
		Exempt Solvent		
		VOC (6)		

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		PM ₁₀		
		PM _{2.5}		
		NO _x		
		CO		
		SO ₂		
3B	Cure Booth 3	VOC		
		Exempt Solvent		
		VOC (6)		
		PM ₁₀		
		PM _{2.5}		
		NO _x		
		CO		
		SO ₂		
4	Blast Booth 1	PM		
		PM ₁₀		
		PM _{2.5}		
5	Blast Booth 2	PM		
		PM ₁₀		
		PM _{2.5}		
6	Blast Booth 3	PM		
		PM ₁₀		
		PM _{2.5}		
7	Engine Test Area No. 1	VOC		
		PM ₁₀		
		PM _{2.5}		

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		NO _x		
		CO		
		SO ₂		
8	Engine Test Area No. 2	VOC		
		PM ₁₀		
		PM _{2.5}		
		NO _x		
		CO		
		SO ₂		
9	Engine Test Area No. 3	VOC		
		PM ₁₀		
		PM _{2.5}		
		NO _x		
		CO		
		SO ₂		
ALL	All Sources at the site	Individual HAPs		<10.0
		Total HAP		<25.0

- (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
- 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

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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.

(6) From products of combustion.

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Date: January 15, 2015