

# 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 (6)	
			lbs/hour	TPY (4)
1A and 1B	Paint Booth1 – Painting Mode	VOC	10.93	--
		Exempt Solvent	6.05	--
		PM <sub>10</sub>	<0.01	--
		PM <sub>2.5</sub>	<0.01	--
1A and 1B	Paint Booth1 – Curing Mode Including 1.4 MMBtu/hr Natural Gas Fired Heater	VOC	6.99	--
		Exempt Solvent	3.87	--
		VOC (5)	<0.01	0.02
		PM <sub>10</sub> (5)	0.01	0.03
		PM <sub>2.5</sub> (5)	0.01	0.03
		NO <sub>x</sub>	0.14	0.43
		CO	0.12	0.36
		SO <sub>2</sub>	<0.01	<0.01
2A and 2C	Paint Booth2 – Painting Mode and 2.77 MMBtu/hr Natural Gas Fired Heater	VOC	10.93	--
		Exempt Solvent	6.05	--
		PM <sub>10</sub>	<0.01	--
		PM <sub>2.5</sub>	<0.01	--
		VOC (5)	0.02	0.05
		PM <sub>10</sub> (5)	0.21	0.06
		PM <sub>2.5</sub> (5)	0.21	0.06
		NO <sub>x</sub>	0.27	0.85
		CO	0.23	0.71
		SO <sub>2</sub>	<0.01	<0.01
2B	Paint Booth 2 – Curing Mode Including 2.7 MMBtu/hr Natural Gas Fired Heater	VOC	6.99	--
		Exempt Solvent	3.87	--

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		VOC (5)	<0.02	0.05
		PM <sub>10</sub> (5)	0.02	0.06
		PM <sub>2.5</sub> (5)	0.02	0.06
		NO <sub>x</sub>	0.27	0.83
		CO	0.22	0.69
		SO <sub>2</sub>	<0.01	<0.01
3A and 3B	Paint Booth3 – Painting Mode	VOC	10.93	--
		Exempt Solvent	6.05	--
		PM <sub>10</sub>	<0.01	--
		PM <sub>2.5</sub>	<0.01	--
3A and 3B	Paint Booth3 – Curing Mode Including 1.4 MMBtu/hr Natural Gas Fired Heater	VOC	6.99	--
		Exempt Solvent	3.87	--
		VOC (5)	<0.01	0.02
		PM <sub>10</sub> (5)	0.01	0.03
		PM <sub>2.5</sub> (5)	0.01	0.03
		NO <sub>x</sub>	0.14	0.43
		CO	0.12	0.36
		SO <sub>2</sub>	<0.01	<0.01
1A, 1B, 2A, 2B, 2C, 3A and 3B	Paint Booth 1, Paint Booth 2 and Paint Booth 3 – Painting and Curing Modes	VOC	--	22.00
		Exempt Solvent	--	22.00
		PM <sub>10</sub>	--	<0.01
		PM <sub>2.5</sub>	--	<0.01
4	Blast Booth 1	PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
5	Blast Booth 2	PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
6	Blast Booth 3	PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
7 and F-1	Indoor and Outdoor Engine Test Areas	VOC	3.18	1.22

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		PM	0.66	0.24
		PM <sub>10</sub>	0.66	0.24
		PM <sub>2.5</sub>	0.66	0.24
		NO <sub>x</sub>	23.05	15.08
		CO	16.14	5.45
		SO <sub>2</sub>	0.05	0.04
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<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
PM<sub>2.5</sub> - 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) From products of combustion.  
(6) Emission rates include planned maintenance, startup and shutdown activities.

Date: June 24, 2022