

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 19812

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)
1	Solvent/Hand-Applied Fugitive Usage	VOC	40.85	15.30
		Exempt Solvents	0.01	0.02
3	Electric Cure Autoclaves (two)	VOC	19.20	--
		Exempt Solvents	0.75	--
4	Electric Cure Autoclave (one)	VOC	9.60	--
		Exempt Solvents	0.38	--
25	Electric Cure Autoclave (one)	VOC	9.60	--
		Exempt Solvents	0.38	--
28	Electric Cure Autoclave (one)	VOC	9.60	--
		Exempt Solvents	0.38	--
30	Electric Cure Autoclave (one)	VOC	9.60	--
		Exempt Solvents	0.38	--
3, 4, 25, 28, and 30	Electric Cure Autoclaves (six)	VOC	--	3.97
		Exempt Solvents	--	0.01
14	Wear Strip Vent Hood	VOC	0.07	--
31	Wear Strip Oven	VOC	<0.01	--
14 and 31	Wear Strip Vent Hood and Oven	VOC	--	0.02
16	OGV Electric Cure Autoclave	VOC	0.09	0.03
		Exempt Solvents	0.15	0.01
11	Electric Oven	VOC	0.21	--
12	Electric Oven	VOC	0.21	--
13	Electric Oven	VOC	0.21	--
15 and 27	Vacuum Vent for Ovens	VOC	0.21	--
26	Electric Oven	VOC	0.21	--

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11, 12, 13, 15, 26, and 27	Ovens (four) and Vacuum Vents – Traditional Curing	VOC	--	0.17
19	Electric Bond Autoclave	VOC	3.36	--
		Exempt Solvents	0.23	--
20	Electric Bond Autoclave	VOC	3.36	--
		Exempt Solvents	0.23	--
21	Electric Bond Autoclave	VOC	3.36	--
		Exempt Solvents	0.23	--
22	Electric Bond Autoclave	VOC	3.36	--
		Exempt Solvents	0.23	--
19, 20, 21, and 22	Electric Bond Autoclaves (four)	VOC	--	3.97
		Exempt Solvents	--	0.01
5	Robotic Paint Booth	VOC	4.32	--
		Exempt Solvent	3.21	--
		PM	0.01	--
		PM <sub>10</sub>	0.01	--
		PM <sub>2.5</sub>	0.01	--
23	Manual Paint Booth	VOC	4.32	--
		Exempt Solvent	3.21	--
		PM	0.01	--
		PM <sub>10</sub>	0.01	--
		PM <sub>2.5</sub>	0.01	--
5 and 23	Paint Booths (two)	VOC	--	3.95
		Exempt Solvent	--	2.94
		PM	--	0.01
		PM <sub>10</sub>	--	0.01
		PM <sub>2.5</sub>	--	0.01
18	Robotic Paint Booth Drying Oven	VOC	0.13	--
		Exempt Solvent	0.10	--
24	Manual Paint Booth Drying oven	VOC	0.13	--
		Exempt Solvent	0.10	--
18, 24, 11, 12, 13, and 26	Paint Drying Ovens (six) – Painted Parts Drying	VOC	--	0.12

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		Exempt Solvent	--	0.09
6	Process Boiler 1	VOC	0.02	0.08
		NO <sub>x</sub>	0.32	1.40
		CO	0.27	1.17
		PM	0.02	0.11
		PM <sub>10</sub>	0.02	0.11
		PM <sub>2.5</sub>	0.02	0.11
		SO <sub>2</sub>	<0.01	0.01
7	Process Boiler 2	VOC	0.02	0.08
		NO <sub>x</sub>	0.32	1.40
		CO	0.27	1.17
		PM	0.02	0.11
		PM <sub>10</sub>	0.02	0.11
		PM <sub>2.5</sub>	0.02	0.11
		SO <sub>2</sub>	<0.01	0.01
29	Process Boiler 3	VOC	0.02	0.09
		NO <sub>x</sub>	0.39	1.72
		CO	0.33	1.44
		PM	0.03	0.13
		PM <sub>10</sub>	0.03	0.13
		PM <sub>2.5</sub>	0.03	0.13
		SO <sub>2</sub>	<0.01	0.01
Site-Wide	All Sources at Site	Single HAPs	--	<10.00
		Total 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) 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>
- PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>

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- 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) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: November 10, 2016