

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 18553

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-2	Paint Booth 2	VOC	111.63	
		Exempt Solvent	90.16	
		PM	0.01	≤0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
PB-3	Paint Booth 3	VOC	111.63	
		Exempt Solvent	90.16	
		PM	0.01	≤0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
PB-2 and PB-3	Paint Booths 2 and 3	VOC		90.00
		Exempt Solvent		20.00
PB-5	Paint Booth 5	VOC	6.98	2.00
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01

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POVN	Parts Oven	VOC	0.01	0.02
		NO <sub>x</sub>	0.10	0.43
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.08	0.36
		PM	0.01	0.03
		PM <sub>10</sub>	0.01	0.03
		PM <sub>2.5</sub>	0.01	0.03
L-1	Lining Station 1	VOC	116.27	
		PM	0.01	0.03
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
L-2	Lining Station 2	VOC	116.27	
		PM	0.01	0.03
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
L-1 and L-2	Lining Stations 1 and 2	VOC		65.00
TO	Paint Booth 6 and Lining Station 3 Routed to a Rotary Concentrator/ Regenerative Thermal Oxidizer	VOC	4.96	21.70
		Exempt Solvent	6.51	28.51
		NO <sub>x</sub>	0.65	1.79
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.31	0.90
		PM	0.07	0.18
		PM <sub>10</sub>	0.04	0.11
		PM <sub>2.5</sub>	0.03	0.07
FUG-1	Stenciling Fugitives	VOC	1.38	2.00

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		Exempt Solvent	0.27	0.44
GBB-1A and GBB-1B	Grit Blast Booth 1	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
GBB-2	Grit Blast Booth 2	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
GBB-3	Grit Blast Booth 3	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
GBB-4	Grit Blast Booth 4	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
VB-1	Blast Booth 1	PM	0.02	0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
VB-2	Blast Booth 2	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
W-1	Blast Booth 3	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
BLR-L3	L3 Boiler	VOC	0.03	0.15
		NO <sub>x</sub>	0.23	1.02
		SO <sub>2</sub>	<0.01	0.02

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		CO	0.52	2.27
		PM	0.05	0.21
		PM <sub>10</sub>	0.05	0.21
		PM <sub>2.5</sub>	0.05	0.21
L1	L1 Heaters 1, 2, 3, and 4	VOC	0.05	0.24
		NO <sub>x</sub>	0.98	4.29
		SO <sub>2</sub>	0.01	0.03
		CO	0.82	3.61
		PM	0.07	0.33
		PM <sub>10</sub>	0.07	0.33
		PM <sub>2.5</sub>	0.07	0.33
L2	L2 Heaters 1, 2, 3, and 4	VOC	0.05	0.24
		NO <sub>x</sub>	0.98	4.29
		SO <sub>2</sub>	0.01	0.03
		CO	0.82	3.61
		PM	0.07	0.33
		PM <sub>10</sub>	0.07	0.33
		PM <sub>2.5</sub>	0.07	0.33

- (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
- CO - carbon monoxide
- 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>
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

(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.

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Date: July 3, 2014