

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17571

This table lists the maximum allowable emission rates for sources of air contaminants covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
B1	Building 1 Sources	VOC	5.20	22.77
		non-VOC	0.61	2.68
		PM	0.01	<0.01
APV	IPA Source Vent	VOC	13.85	3.60
SAC2	ECDs 1/1a Semi-Aqueous	VOC	0.42	0.60
WSL	Laser Wire Marker 1	HC1	<0.01	<0.01
		H <sub>2</sub>	<0.01	<0.01
		Xenon	0.05	<0.01
		Neon	0.34	<0.01
		Helium	<0.01	<0.01
WSL2	Laser Wire Marker 2	HC1	<0.01	<0.01
		H <sub>2</sub>	<0.01	<0.01
		Xenon	0.02	<0.01
		Neon	0.14	0.01
		Helium	<0.01	<0.01
WSL3	Laser Wire Marker 3	HC1	<0.01	<0.01
		H <sub>2</sub>	<0.01	<0.01
		Xenon	0.02	<0.01
		Neon	0.14	0.01
		Helium	<0.01	<0.01
PB1	Paint Booth 1	VOC	53.04	2.66
		non-VOC	16.68	1.04
		PM	0.46	0.03
0PB2	Paint Booth 2	VOC	45.62	5.16
		PM	0.41	0.07

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			lb/hr	TPY
PB3	Paint Booth 3	VOC	19.88	2.67
		PM	0.21	0.03
TB	Tube Burner	NO <sub>x</sub>	0.01	0.01
		CO	<0.01	<0.01
PB2-OV	Paint Booth 2 Cure Oven	PM	<0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.03	0.10
		CO	0.01	0.05
		VOC	<0.01	0.01
B1B	Main Boiler	PM	0.15	0.63
		SO <sub>2</sub>	0.01	0.03
		NO <sub>x</sub>	1.48	6.45
		CO	0.37	1.61
		VOC	0.03	0.13
B1MUA2	Paint Booth Gas Heater	PM	0.01	0.03
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.06	0.23
		CO	0.02	0.05
		VOC	<0.01	0.01
GSH-01	Boiler Room Space Heater 1	PM	<0.01	0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.02	0.07
		CO	0.01	0.03
		VOC	<0.01	0.01
GSH-02	Boiler Room Space Heater 2	PM	<0.01	<0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.01	0.03
		CO	<0.01	0.02
		VOC	<0.01	<0.01
VARA	VARA Room Space Heater 3	PM	<0.01	<0.01

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			lb/hr	TPY
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.01	0.03
		CO	<0.01	0.02
		VOC	<0.01	<0.01

- (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 30 Texas Administrative Code (TAC) Section 101.1.
- non-VOC - volatile organic compounds exempted as defined in 30 TAC Section 101.1 and inorganic compounds.
- HCl - hydrogen chloride
- H<sub>2</sub> - hydrogen
- PM - particulate matter, suspended in the atmosphere, including
- PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
- SO<sub>2</sub> - sulfur dioxide
- NO<sub>x</sub> - total oxides of nitrogen
- CO - carbon monoxide

Dated\_\_\_\_\_