

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17571

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. 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 *	
			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	13.58	3.60
SAC2	ECDs 1/1a Semi-Aqueous	VOC	0.42	0.60
WSL	Laser Wire Marker 1	HCl	<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	HCl	<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	HCl	<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	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
PB2	Paint Booth 2	VOC	45.62	5.16
		PM 0.41	0.07	
PB3	Paint Booth 3	VOC	19.88	2.67
		PM 0.21	0.03	
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	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
VARA	VARA Room Space Heater 3	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

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

non-VOC - volatile organic compounds exempted as defined in 30 TAC Section 101.1 and inorganic compounds.

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

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.

CO - carbon monoxide

HCl - hydrogen chloride

H<sub>2</sub> - hydrogen

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 50 Weeks/year or 8,400 Hrs/year

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated August 31, 2001