

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	13.85	3.60
SAC1	ECDs 1/1a Semi-Aqueous Cleaners	VOC	0.42	0.60
SAC2	ECD 2 Semi-Aqueous Cleaner	VOC	0.21	0.30
SAC3	Corpane 1 Semi-Aqueous Cleaner	VOC	1.00	1.00
WSL	Laser Wire Marker 1	HCL	<0.01	<0.01
		H ₂	<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 ₂	<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 ₂	<0.01	<0.01

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
MOCA	MOCA Potting Oven	Xenon	0.02	<0.01
		Neon	0.14	0.01
		Helium	<0.01	<0.01
		VOC	<0.01	<0.01
PB1	Paint Booth 1	VOC	53.04	2.66
		Non-VOC	16.68	1.04
		PM	0.46	0.03
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
TB	Tube Burner	NO _x	0.01	0.01
		CO	<0.01	<0.01
PB2-OV	Paint Booth 2 Cure Oven	PM	<0.01	0.02
		SO ₂	<0.01	<0.01
		NO _x	0.03	0.10
		CO	0.01	0.05
		VOC	<0.01	0.01
B1B	Main Boiler	PM	0.15	0.63
		SO ₂	0.01	0.03
		NO _x	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 ₂	<0.01	<0.01
		NO _x	0.06	0.23
		CO	0.02	0.05
		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
GSH-01	Boiler Room Space Heater 1 0.01		PM	<0.01
		SO ₂	<0.01	<0.01
		NO _x	0.02	0.07
		CO	0.01	0.03
		VOC	<0.01	0.01
GSH-02	Boiler Room Space Heater 2 <0.01		PM	<0.01
		SO ₂	<0.01	<0.01
		NO _x	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
		SO ₂	<0.01	<0.01
		NO _x	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. For fugitive sources use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Section 101.1 of the General Rules.

Non-VOC - volatile organic compounds exempted as defined in Section 101.1 of the General Rules and inorganic compounds.

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

PM - particulate matter, suspended in the atmosphere, including

PM₁₀ - 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

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
HCl	- hydrogen chloride			
H ₂	- hydrogen			

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated_____