

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 25744

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		Air Contaminant		<u>Emission Rates *</u>
	Name (2)	Name (3)	lb/hr	TPY	
E2	Scrubber		Phosphoric Acid	0.08	0.33
			Acetic Acid	0.01	0.04
			Nitric Acid	<0.01	0.02
			Sulfuric Acid	<0.01	0.01
			Hydrogen Peroxide	<0.01	<0.01
E3	Hybrid Assembly Vent Hood		Acetone	0.24	1.03
			Isopropyl Alcohol	0.05	0.22
E6	Probe Room Vent Hood		Acetone	0.55	2.40
			Isopropyl Alcohol	0.12	0.52
E8	RF LAB Vent Hood		Isopropyl Alcohol	0.18	0.78
			Total VOC	1.26	5.36

(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 General Rule 101.1

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year \_\_\_\_\_

\* Annual emissions are based on the following maximum annual chemical species usage rates:

<u>CHEMICAL SPECIES</u>	<u>(lb/hr)</u>	<u>(lbs/yr)</u>
Phosphoric Acid	7.6	66,200
Acetic Acid	7.6	66,200

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
		Nitric Acid	7.6	66,200
		Sulfuric Acid	1.0	8,000
		Hydrogen Peroxide	1.0	8,000
	Acetone 4.3		37,200	
	Isopropyl Alcohol		1.9	16,500

Dated\_\_\_\_\_