

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5823A

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)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
S-3	Calcium Carbonate Mixing	PM	10.43	0.32
S-52	Biosorb	PM	0.04	<0.01
S-8	Old Coagulant Room	VOC	1.41	6.18
S-9	Old Coagulant Room	VOC	1.60	7.01
S-58A	New Coagulant Room	VOC	1.61	7.04
S-40	Compounding Exhaust Fan	NaOH	0.01	<0.01
		KOH	<0.01	<0.01
		CH ₂ O	0.16	0.01
		NH ₃	0.31	0.02
S-56	New Latex Tanks Vent	NH ₃	1.73	0.16
V-80	Old Latex Tanks Vent	NH ₃	0.69	<0.01
V-81	Maturation Tanks Vent	NH ₃	0.07	<0.01
S-57	D. I. Room	HCl	2.02	<0.01
V-96	Glutaraldehyde Storage Tank	VOC	0.05	<0.01
V-1314	Formaldehyde Storage Tank	VOC	0.04	<0.01
V-183	Nitric Acid Storage Tank	HNO ₃	0.64	<0.01

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S-51	Fugitive Bulk Chemical Storage	VOC	0.33
	1.43		
		HNO ₃	0.15
			0.66
S-203	Latex Tank Room	NH ₃	0.70
			3.03
S-41	Latex Compounding Tanks Vent	VOC	<0.01
		NH ₃	<0.01
			1.31
			0.03

- (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
 - PM - particulate matter
 - HCl - hydrogen chloride
 - NaOH - sodium hydroxide
 - KOH - potassium hydroxide
 - CH₂O - formaldehyde
 - NH₃ - ammonia
 - HNO₃ - nitric acid

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

24 Hrs/day 7 Days/week 48 Weeks/year or 8,064 Hrs/year

Dated_____