

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

6754A

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		Emission Rates *	
	Name (2)	Name (3)	lb/hr	TPY		
C1282	Wet Scrubber Blower Exhaust			PM	4.38	16.00
				VOC	0.73	2.68
CECAS-STK	AO Plant Vent Stack			VOC	2.40	5.89
BL4407	PBS-4 Dryer Exhaust Filter			PM10	2.66	11.00
BL4608/1	PBS-1 Dryer Exhaust Filter			PM10	1.60	6.60
BL4608/2	PBS-1 Dryer Exhaust Filter			PM10	1.60	6.60
F4104	Borax Vacuum Filter Exhaust			PM10	0.30	0.20
F1102/3	Cyclone Vent Filter			PM	< 0.01	< 0.01
F1102/4	Silo Vent Filter			PM	< 0.01	< 0.01
DRUMBLDG	Drum Loading Building			H2O2	1.50	0.03
LOADRACK	Loading Rack			H2O2	0.10	0.14
TK1/1-15	15 H2O2 Storage Tanks			H2O2	1.50	1.44
TK2/1-24	24 H2O2 Storage Tanks			H2O2	1.50	1.90
V1739/1-5	5 H2O2 Storage Tanks			H2O2	1.50	1.13

V1906	Nitric Acid Storage Tank	HNO3	< 0.01	0.01
V1907	Hydrocarbon Storage Tank	VOC	0.01	0.02

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Emission Point No. (1)	Source Name (2)	Name (3)	lb/hr	Air Contaminant	Emission Rates* TPY
V1908	Polar Solvent Storage Tank			VOC	< 0.01 0.01
PCSTKS/1-3	3 PCS H2O2 Feed Tanks			H2O2	0.01 0.02
V4204	PBS H2O2 Feed Tank			H2O2	0.01 0.04
PROCFUG	Process Fugitives (4)			VOC	1.50 6.58
PBSFUGDUST	Fugitive Dust (4)			PM10	0.06 0.27
SCRUBVENT	NH3 Scrubber Vent (5)			NH3	0.54 2.37
BLDGVENT	Ventilation Fan (5) Exhaust	NH3	0.54		2.37
NH3PSVVENT	NH3 Vent Stack			NH3	Emergency Use Only

- (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  
H2O2 - hydrogen peroxide  
PM10 - particulate matter less than 10 microns  
NH3 - ammonia
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Rate is maximum rate that would occur during an episode period. Under normal operating conditions the equipment provides the refrigeration building with ventilation.

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

Hrs/day\_\_\_\_Days/week\_\_\_\_Weeks/year\_\_\_\_or Hrs/year 8,760

Revised\_\_\_\_\_