

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

6995

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)	lb/hr	TPY	Emission Rates *
BLDG 1:					
1SE-1 through 1SE-5	Scrubbers	VOC (4)	8.89	40.0	
		Acids	0.26	1.2	
		Bases	1.32	5.8	
		Halocarbons	0.06	0.3	
1VE-1	Thermal Oxidizer	VOC	3.60	15.8	
		POC	0.81	3.5	
1E-T02 A and B	Waste Solvent Tank	VOC	0.62	<0.1	
1-T03 and T13	Sodium Hydroxide Tanks	NaOH	<0.01	<0.1	
1-T04	Fuel Oil Tank	VOC	0.69	<0.01	
1-T05	Sulfuric Acid Tank	Acid	<0.01	<0.01	
1-T18 through T21	Fluoride Waste Tanks	Acids	<0.01	<0.01	
1BL-1	Boiler No. 1	POC	2.13	3.3	
1BL-2	Boiler No. 2	POC	5.06	10.7	
1EG-1 through 4	Emergency Generators No. 1 through 4	POC (5)	24.45	6.4	
		NOx	54.52	14.2	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
BLDG 2:				
2SE-1 through 2SE-8	Scrubbers	VOC (4)	6.52	28.6
		Acids	1.22	5.4
		Bases	6.04	26.5
		Halocarbons	0.13	0.6
2VE-1	Thermal Oxidizer	VOC	5.02	22.0
		POC	0.81	3.5
2-T02	Fluoride Waste Tank	Acids	<0.01	<0.01
2-T03	Waste Solvents Tank	VOC	0.03	<0.1
2-T04	Sodium Hydroxide Tanks	NaOH	<0.01	<0.01
2-T06 through T08	Fuel Oil Tanks	VOC	0.73	<0.01
2BL-1	Boiler No. 1	POC	6.73	5.0
2BL-2	Boiler No. 2	POC	4.37	13.4
2EG-1 through 4	Emergency Generators No. 1 through 4	POC (5)	33.83	8.8
		NOx	75.45	19.7
FP-1 and 2	Emergency Fire Pumps No. 1 and 2	POC (5)	21.02	5.6

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- (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) PM - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
POC - products of combustion including PM, CO, SO2, VOC and NOx (unless listed separately).
- (4) Scrubber emission rates reflect the total rate by air contaminant category for all scrubbers operating at maximum capacity.
- (5) Hourly emission rates for emergency generators and fire pumps reflect the combined total maximum hourly rate for all units. Annual rates are the combined total for all units assuming a maximum of 520 hours operation per year.

* 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 _____

Revised _____

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