

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
Building 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
1BL-1	Boiler 1	POC	2.13	3.3
1BL-2	Boiler 2	POC	5.06	10.7
1EG-1 through 4	Emergency Generators 1 through 4	POC (5)	24.45	6.4
		NO _x	54.52	14.2
Building 2				
2SE-1 through 2SE-9	Scrubbers	VOC (4)	6.52	28.6
		Acids	1.19	5.3
		Bases	6.04	26.5
		Halocarbons	0.13	0.6
2VE-1	Thermal Oxidizer	VOC	5.02	22.0
		POC	0.81	3.5
2BL-1	Boiler 1	POC	6.73	5.0

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
2BL-2	Boiler 2	POC	4.37	13.4
2EG-1 thru 3	Emergency Generators 1 through 3	POC (5)	33.83	8.8
		NO _x	75.45	19.7
FP-1 and 2	Emergency Fire Pumps 1 and 2	POC (5)	21.02	5.6

(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
POC - products of combustion including PM, CO, SO₂, VOC, and NO_x
(unless listed separately).

NO_x - total oxides of nitrogen

PM - particulate matter

CO - carbon monoxide

SO₂ - sulfur dioxide

(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 8,760

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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>

Dated_____