

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

22273

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)	Name (3)	Air Contaminant		<u>Emission Rates *</u>	
			lb/hr	TPY		
4SE-1 and -2	Scrubbers		VOC (4)		3.50	15.4
			Acids		2.50	11.0
			Bases		11.15	48.9
			Halocarbons		0.59	2.6
4VE-1 and -2	Thermal Oxidizers		VOC		4.92	21.6
			POC		1.62	7.0
4GE-1 and -2	General Exhausts		VOC		11.28	49.4
4-T03	Waste Solvent Tank		VOC		0.03	<0.1
4-T04	Sodium Hydroxide Tank		NaOH		<0.01	<0.1
4-T06 through 8	Fuel Oil Tanks		VOC		0.72	<0.1
4BL-1	Boiler 1		POC		8.60	17.9
4BL-2	Boiler 2		POC		8.60	17.9
4EG-1 through 4	Emergency Generators 1 through 4		POC (5)		59.49	15.5
			NOx		132.65	34.5
4FP-1 and 2	Emergency Fire Pumps 1 and 2		POC (5)		21.01	5.5

(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 NOx listed separately).

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- (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