

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1290

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)	Emission lb/hr	Rates* TPY
E-AE-1	Thermal Oxidizer	VOC	6.77	29.64
	MOS 2 and 3	POC	3.72	11.50
E-AE-2, E-AE-3, E-AE-4	Scrubbers	VOC	2.28	10.00
	MOS 2 and 3 (4)	Acids/Bases	1.06	4.68
		Halocarbons	3.84	16.84
		Specialty Gasses (5)	0.76	3.34
		Elemental Gasses (6)	6.60	21.91
		PM	2.50	11.00
E-AE-5, 6, 7	Ammonia Scrubber Stacks (4)	Acids/Bases (Ammonium Hydroxide)	0.16	0.70
E-AAT-F	Waste Acid Tanks	Acids	<0.01	<0.01

(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 nitrogen oxides, carbon monoxide, sulfur dioxide, and PM.

PM - particulate matter

NH₃ - ammonia

(4) These emission rates are a sum of all three scrubbers.

(5) Specialty gasses include hydrides and inorganic halides.

(6) Elemental gasses include chlorine, ozone, and nitrous oxide.

* These allowable emission rates do not represent the potential increases allowed under Special Condition No. 4.

Dated _____