

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

MSW-2193

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		Emission Rates *	
		Name (3)	lb/hr TPY		
1	Thermall, Inc. rotary kiln incinerator rated at 2,083 #/hr for 10,000 Btu/# waste		VOC	1.4	4.4
			NOx	15.3	60.0
			SO2	1.9	5.9
			PM10	2.2	8.7
			CO	1.7	6.5
			HCl	5.5	7.5
			As	7.5E-5	2.4E-4
			Cd	1.8E-3	5.6E-3
			Cr	5.1E-4	1.6E-3
			Fe	4.8E-3	1.5E-2
			Mn	3.0E-4	9.4E-4
			Ni	1.3E-4	3.9E-4
			Pb	1.5E-2	4.7E-2
			TCDD	2.5E-7	7.9E-7
			TCDF	5.3E-7	1.7E-6
			Be	11.3E-5	3.5E-4

(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) PM10 - particulate matter less than 10 microns

VOC - volatile organic compounds as defined in General Rule 101.1

NOx - total oxides of nitrogen

SO2 - sulfur dioxide

CO - carbon monoxide

HCl - hydrogen chloride

As - arsenic

Cd - cadmium

Cr - chromium

Fe - iron

Mn - manganese

Ni - nickel

Pb - lead

TCDD - 2,3,7,8 tetrachlorinated dibenzodioxin

TCDF - 2,3,7,8 tetrachlorinated dibenzofuran

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Be - beryllium

- * Emission rates are based on and the facilities are limited to a rolling 60-minute throughput of 2,600 pounds, a daily maximum of 25 tons, and an annual capacity factor of 90 percent.