

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 24247

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
1	Municipal and Medical Waste Incinerator, 4,167 lb/hr	VOC	2.0	8.9
		NO _x	2.8	12.3
		SO ₂	1	4.4
		PM ₁₀	1.2	5.3
		CO	1.2	5.3
		HCl	0.4	1.8
		As	1.4E-3	6.1E-3
		Be	5.6E-5	2.5E-4
		Cd	1.3E-3	5.7E-3
		Cr	5.6E-3	2.5E-2
		Cr[VI]	5.6E-4	2.5E-3
		Hg	5.3E-3	2.3E-2
		Mn	1.1E-2	4.8E-2
		Ni	1.7E-3	7.5E-3
		Pb	4.5E-3	2.0E-2
		Se	1.1E-2	4.8E-2
		V	2.8E-3	1.2E-2
		Zn	2.8E-1	1.2E-0
		TE 2378 TCDD	3.4E-9	1.5E-8
2	Municipal and Medical Waste Incinerator, 4,167 lb/hr	VOC	2.0	8.9
		NO _x	2.8	12.3
		SO ₂	1	4.4
		PM ₁₀	1.2	5.3
		CO	1.2	5.3
		HCl	0.4	1.8
		As	1.4E-3	6.1E-3
		Be	5.6E-5	2.5E-4
		Cd	1.3E-3	5.7E-3
		Cr	5.6E-3	2.5E-2
		Cr[VI]	5.6E-4	2.5E-3
		Hg	5.3E-3	2.3E-2

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Mn	1.1E-2	4.8E-2
Ni	1.7E-3	7.5E-3
Pb	4.5E-3	2.0E-2
Se	1.1E-2	4.8E-2
V	2.8E-3	1.2E-2
Zn	2.8E-1	1.2E-0
TE 2378 TCDD	3.4E-9	1.5E-8

- (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 in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
HCl - hydrogen chloride
As - arsenic
Be - beryllium
Cd - cadmium
Cr - chromium [total]
Cr[VI] - hexavalent chromium
Hg - mercury
Mn - manganese
Ni - nickel
Pb - lead
Se - selenium
V - vanadium
Zn - zinc
TE 2378 TCDD - all polychlorinated dioxins and furans, expressed as toxic equivalent
2,378 tetrachloro, para-dibenzodioxin

* 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

Permit No. 24247
Page 3

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Dated_____