



As required by Section 2 of Manitoba Regulation 91/88 R, being a regulation under The Environment Act, respecting Incinerators.

For the purpose of Clauses 19(1)(a), and 19(7)(c) of The Manitoba Cemeteries Act. (Crematoriums only)

File Number _____
(Manitoba Environment and Climate Use Only)

Section A: Incinerator Identification

1. Incinerator Location _____
(Number and Street or Legal Description)

(City/Town/Village)

2. Anticipated Completion Date: _____ 20____.

3. Purpose of Incinerator Installation: _____

4. Analysis of Waste Material Intended to be Incinerated:

Where :

Type 1 waste – Rubbish: a mixture of combustible waste (paper, cardboard, wood, etc.).

Type 2 waste – Refuse: a mixture of rubbish and garbage common to residential sources.

Type 3 waste – Garbage: comprised of animal and vegetable waste from restaurants, markets and institutions.

Type 4 waste – Pathological: human and animal remains from hospitals, abattoirs, laboratories and similar sources.

Type 5 waste – Industrial liquids or gases: process wastes.

Type 6 waste – Industrial solids: Combustibles requiring special burning equipment.

	lbs./hour	hours/day	lbs./day	% Moisture	% Combustible	% Ash	BTU/lb. as fired
Type 1							
Type 2							
Type 3							
Type 4							
Type 5							
Type 6							

5. Incinerator Details

This installation is _____ . (new/modification/existing)

Rated capacity _____ lbs./hr of Type _____ waste.

Model No. _____ Serial No. _____

Charging method? (batch, or continuous) _____

Primary chamber:

a) Temperature: _____ ° F.

b) Floor design _____ and area _____ sq. ft.

Secondary chamber:

Retention time of gases: _____ second(s) @ _____ ° F. (shortest path)

Is a barometric damper present? _____.

Ash handling and disposal method? _____

6. Burners:

Fuel type _____.

Ignition or Main: Capacity: _____ BTU/hr.

Pathological: Capacity: _____ BTU/hr.

Afterburner: Capacity: _____ BTU/hr.

7. Stack Details:

Is this a shared stack? _____. If YES give details: _____

Identify stack and liner materials: _____

Distance from last flow disturbance to:

a) Sample ports _____ ft.

b) Stack exit _____ ft.

Dimensions of flue:

a) Rectangular/square configurations: _____ in. by _____ in. I.D. - **or** -

b) Circular configurations: _____ in. I.D.

Height of stack above: i) roof _____ ft., ii) grade _____ ft.

Distance from nearest building: _____ ft.

Is a spark arrestor provided? _____.

8. Emissions

Type and capacity of any air pollution control equipment to be installed: _____

Design maximum particulate emission: _____ g/DSCM @ 12% CO₂, **or**

_____ gr/DSCF @ 12% CO₂.

Actual particulate emission: _____ g/DSCM @ 12% CO₂. (see Section B, clause 2) or

_____ gr/DSCF @ 12% CO₂.

Design opacity: _____ %.

Date & location of most recent particulate emission test: _____20____.

Section B: Required Submissions

1. Drawings or Blueprints:

- a) A plan showing the relationship between the point source emission and the immediate neighbourhood, and an indication of the land use in the immediate neighbourhood. {"Immediate neighbourhood" means that area around the installation likely to be affected by air emissions from the installation, include distances.}

b) Sectional drawings of the incinerator showing major internal dimensions, burner locations, and the location of sampling ports.

2. Stack sampling reports based on test methods detailed in:

“Standard Reference Methods for Source Testing: Measurement of Emissions of Particulates from Stationary Sources”, Environment Canada, Report EPS Reference Method 1/RM/8.

or

EPA – Standards of Performance for New Stationary Sources. Reference Method 5 – Determination of Particulate Emissions From Stationary Sources.

Note: *Isokineticity, where applicable, is to be determined as per Section 5.6 of EPS Reference Method 1/RM/8.*

Section C: Crematorium Installations (Type 4 human remains only).

Owners and operators of crematoriums for human remains must also comply with all requirements of *The Manitoba Cemeteries Act*.

Section D: Applicant Identification

Plans and Specifications

Prepared By:

_____.
(Name)

_____.
(Company)

_____.
(Phone Number)

Name of Applicant _____

Title _____ Phone Number _____

Mailing Address _____

Signature _____

Dated _____ 20_____

Personal information is collected under the authority of The Environment Act, the Incinerator Regulation M.R. 91/88R, and will be used for administration and enforcement purposes. Information collected is protected by the privacy provisions of The Freedom of Information and Protection of Privacy Act. If you have any questions, contact the Access & Privacy Coordinator, 118-1181 Portage Ave., Winnipeg MB R3G 0T3; 1-204-945-4170.