

INCINERATORS REGULATION, M.R. 91/88 R

Incinerator Registration Form

Manitoba



Conservation and Water Stewardship

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)

Client File Number _____
(Manitoba Conservation and Water Stewardship 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 Co-ordinator, 1383 Whyte Ave., Winnipeg MB R3E 1V7; 1-204-945-4170.