

THE CORPORATION OF THE CITY OF BRAMPTON

BY-LAW NUMBER 15-74

A By-law for the Administration of the Heating Regulations as set out in the National Building Code of Canada, the regulations as set out in the Electric Heating Standards of Ontario, and for the regulating and governing of Masters and Journeymen engaged in the installation, repair or alteration of any heating system or equipment, excluding Greenhouses and passed pursuant to the provisions of The Municipal Act, R.S.O. 1970, c. 284, sec. 354 (1) 135, 136, Planning Act R.S.O. 1970, Chapter 349, Section 38(1), Par. 6 and 24.

ARTICLE I

Section 1 - TITLE

1.1 The short title of this By-law may be cited as the Heating Administration and regulation By-law.

ARTICLE II

Section 2 - DEFINITIONS

- 2.1 Appliance shall mean a device equipped to burn any solid liquid, gaseous fuel or electricity for heating purposes.
- 2.2 Building & Zoning Co-Ordinator shall mean the person designated to administer this By-law. In his absence this By-law shall be administered by the Deputy Co-Ordinator or the Senior Heating Official.
- 2.3 Corporation shall mean the Corporation of the City of Brampton.
- 2.4 Heating Inspector shall mean a person or persons designated to perform the duties of a Heating Inspector.
- 2.5 Journeyman shall mean any person who, by reason of training and experience, is qualified to practice the trade of heating, steam-fitting, warm air furnace, oil or stoker installation, replacement, repair and alteration under the direction and employment of a contractor licensed hereunder.
- 2.6 Master Contractor shall mean any person holding himself out to the public as engaged in having direct charge of, and skilled in the planning, laying out and superintending the installation, alteration or repair of any heating system, i.e. hot water, steam, warm air or electric, requiring a permit under this By-law and who is familiar with the By-law, rules and regulations governing same.
- 2.7 Shall in this By-law shall be construed as mandatory.
- 2.8 May in this By-law is construed as permissive.

ARTICLE III

ADMINISTRATION

Section 3 - ADMINISTRATIVE AUTHORITY

3.1 This By-law shall be administered under the supervision and direction of the Building and Zoning Co-Ordinator who shall from time to time employ in accordance with the Corporation's direction, Heating Inspectors to make inspections and tests, as may be required, and perform all other duties hereinafter provided for the enforcement of this By-law.

3.2 Inspections and Tests

3.2.1 Duties of Building and Zoning Co-Ordinator and Heating Inspectors

- (a) It shall be the duty of the Building and Zoning Co-Ordinator and his regularly authorized assistants to enforce or cause to be enforced the provisions of this By-law and to supervise all necessary tests, to make all necessary inspections of heating plants and equipment installed thereunder, and further to require such tests to be made as may be necessary to determine the tightness and safety of any steam or hot water heating installation, or repair or replacement of any portion thereof, or any sheet metal ducts or heating pipes connected therewith, or of oil piping and equipment or electric heating cables, and to require immediate removal of any material or construction found to have been installed so as to conceal or cover up before its inspection and approval by the Heating Inspector any newly installed portion of any heating system or plant.
- (b) It shall be the duty of the Senior Heating Official to determine the rating or capacity of any second hand or used boiler, furnace or device which is no longer manufactured and which is to be used in connection with any heating system or plant, and for which the required test data, measurements, rating or capacity are not available as required by this By-law.

3.2.2 Authority of Heating Inspector

It shall be the authority of a Heating Inspector:-

- (a) In the event that a Heating Inspector at any time discovers that any work is being done on any heating system or equipment in any building, or structure contrary to the provisions of this By-law, such Heating Inspector shall issue a "STOP WORK ORDER" as to the said illegal or improper work, and in the event that such work is being carried on contrary to the provisions of this By-law, the person or persons doing or performing said work, shall be subject to the penalties as prescribed in this By-law.

After a Stop Work Order has been issued, it shall be unlawful for any work to be done by the person or persons on the job until illegal or improper construction has been corrected and the "STOP WORK ORDER" removed by the Heating Inspector.

No person, or persons shall remove the STOP WORK Notice or order other than the Building and Zoning Co-Ordinator or Heating Inspectors.

- (b) To enter at any reasonable time, any building within the limits of the Corporation for the purpose of making inspections, re-inspections or otherwise performing such duties as may be deemed necessary to ensure compliance with this By-law.
- (c) No person shall obstruct an inspector in the exercise of his duties under this By-law.

3.3 Inspections Required

All construction, installation, alteration, replacement and structural repair work hereinafter within the limits of the Corporation involving heating plants or systems and equipment including all insulation of buildings and incidental thereto, subject to regulation by the provisions of this By-law in and for buildings of all classes shall be subject to the inspection and approval of the Heating Inspector.

3.3.1 Inspections and Tests

- (a) Notice to the Building and Zoning Co-Ordinator:- The Contractor for any heating and any equipment pertaining

thereto shall immediately notify the Building and Zoning Co-Ordinator in writing upon completion of any part thereof of the installation or other work under the provisions of this By-law that the said work for which a permit has been issued is ready for inspection and test as may be required by the said Heating Inspector, by giving the number of the permit and the address at which the work is located.

- (b) More particularly all roughing-in of duct work, thermal insulation and vapour barriers must be inspected and approved before any lathing or wall covering is installed.
- (c) Unlawful to cover up work before Inspection.

It shall be unlawful for any Contractor, Owner, or their employees to cover up any work for which a permit has been issued under this By-law until after the said work has been inspected and approved.

- (d) Materials and Labour for Tests

All equipment, materials, power and labour necessary for inspection or testing shall be made in the presence and under the direction of a Heating Inspector.

- (e) Final Inspection

It shall be the duty of the Heating Contractor or the Owner (as the case may be), to notify the Building and Zoning Co-Ordinator for a final inspection when the heating system is placed into final operation.

Compliance with the standards of this By-law is required for approval of the system, and a Certificate of Conformance will be issued to the person who has the right of possession of the premises or the Owner, and upon request, a copy of the Certificate of Conformance shall be forwarded to the person who has constructed, repaired, renewed or altered the Heating.

3.4 Specifications

No person, partnership or corporation shall hereafter construct, install, alter, replace or do structural repair to any heating system or equipment, oil burner, or thermal insulation and vapour

barriers, stoker, which is subject to regulation by the provisions of this By-law in or for any building within the limits of the Corporation unless they shall comply with the relevant minimum specifications as set forth in Parts 6 and Number 9 of the National Building Code 1970 and amendments thereto which form Schedules "B" & "C" to this By-law.

3.5 Permits

3.5.1. Permits Required - No person or persons, partnership or corporation shall hereafter construct, install, alter, replace or do structural repair to any heating system or equipment, oil burner or stoker, or begin such work which is subject to regulation by the provisions of this By-law, in or for any building within the limits of the Corporation without first making written application to and securing a permit therefor from the Building and Zoning Co-Ordinator.

3.5.2 Application for a Permit - Applications must be made in writing and signed by the applicant on a form provided by the Corporation prior to beginning any work governed by the provisions of this By-law; and it shall be deemed a violation of this By-law to fail or neglect to comply with the said provisions of the permit issued pursuant thereto.

3.5.3 Required Information and Approval - Any person when applying for any such permit shall upon demand furnish the Building and Zoning Co-Ordinator with all necessary plans and specifications in Triplicate for such proposed construction, installation, alteration, replacement or structural repair and use, all proper and sufficient information relating thereto, and shall secure the approval of said plans before such permit shall be issued.

3.5.4 Responsibility - Neither the granting of a permit, nor the approval of plans and specifications, nor inspections made by a Heating Inspector shall in any way relieve the Heating Contractor or Owner from full responsibility for carrying out the work authorized thereby in strict accordance with the provisions of this By-law.

3.5.5 Expiration of a Permit - Every permit issued by the Building and Zoning Co-Ordinator pursuant to the provisions of this By-law shall automatically expire and become null and void if

(a) the work authorized by such permit is not commenced within six (6) months from the date of issue:

OR

(b) after commencement of the work authorized by such permit such work is suspended or abandoned at any time for a period of six (6) months.

Provided that on written application from the holder of an expired permit, where no changes have been made in the original plans and specifications, and where not more than six (6) months have elapsed from the date of expiry of such permit, the Building and Zoning Co-Ordinator shall issue a renewal permit for such work and the fee therefor shall be one-half of the amount payable on issuance of an original permit authorizing such work.

3.5.6 Other Permits, - The provisions of the Corporation Zoning By-law and Building By-law respecting building permits and their issuance shall be complied with before any permit is issued to install, alter, do any structural repair, or replace, any heating system or part thereof.

Section 4 - PLANS SPECIFICATIONS AND DATA

4.1 Design and Preparation of Plans - All plans and/or specifications, except for single family or semi-detached dwellings, or for Heating installations wherein the space to be heated does not exceed one hundred thousand (100,000) cubic feet, shall be prepared and designed by a Licensed or Registered Professional Engineer or Architect.

4.2 Approval of Changes - If after having been approved by the Senior Heating Official, the building, heating plans and/or specifications are changed in any respect, revised plans and/or specifications shall be re-submitted to the said Senior Heating Official for approval.

4.3 Approved Plans at Building - A complete set of approved plans and specifications showing identity of approval shall be kept at the building at all times.

4.4 Data Required - All plans and specifications submitted for approval shall be accompanied by data sheets giving the heat loss and/or heat gain calculations in B.T.U.'s per hour, or in the case of Electric Heating, the said calculations shall be in Kilowatts. Duct sizing sheets are required where warm air systems are installed and calculated in accordance with good engineering and commercial practice.

Section 5 - PERMIT FEES AND LICENSING

5.1 No Heating Permit shall be issued until the minimum permit fees in accordance with Schedule "A" of this By-law shall be paid.

5.2 Licence Necessary - No person shall within the limits of the Corporation perform any heating work or engage in the business or occupation or trade of installing, replacing, altering or repairing any heating, oil burner or stoker equipment or system, until he shall have procured a licence to do so under the provisions of the City Licencing By-law as amended from time to time, and every person so licensed shall be subject to the provisions of this By-law. Provided that an apprentice and/or a Journeyman working under proper supervision of a licensed Master Contractor shall not be required to procure a licence.

5.3 Licence Required By - Every Master Contractor before commencing to perform any heating work or engage in the business or occupation or trade of same within the limits of the Corporation shall take out a licence as hereinafter provided, and shall pay at the time of the taking out of such licence the fee in accordance with the City Licencing By-law as amended from time to time.

5.4 Identification - Every person licensed under this By-law shall carry on his person the said licence or an official identification card or badge certifying thereto issued by the Licence Inspector at all times when performing or engaging in the trade, business or occupation so licensed, and shall produce the same for inspection at the request of the Inspector or his duly appointed deputy or other person authorized to enforce the provisions of this By-law.

Section 6 - PENALTIES

6.1 Every person who contravenes any provision of this By-law commits an offence and upon conviction therefor shall be liable to a fine not exceeding \$1,000.00 exclusive of costs, and every such penalty shall be recoverable under the Summary Convictions Act.

Section 7 - REPEAL OF BY-LAWS

7.1 The following By-laws of the former Corporation of The Township of Chinguacousy insofar as they apply to any area now within the City of Brampton re repealed:

14-72,
265-73.

The following By-laws of the former Corporation of The Township of Toronto-Gore insofar as they apply to any area now within the City of Brampton are repealed:


1057.

The following By-laws of the former Corporation of The Township of Mississauga insofar as they apply to any area now within the City of Brampton are repealed:

6539.

This By-law comes into force on the day of the final passing thereof.

ENACTED and PASSED this 11th day of February, 1974.



Mayor



Clerk

SCHEDULE "A"

TO

BY-LAW NUMBER 15274

1. No Heating Permit shall be issued until the following minimum permit fees have first been paid:-
2. Installation of a heating system burning solid, liquid or gaseous fuels for any of the following:

(a) Detached, Semi-detached, Duplex, Double Duplex, Triplex, Multiple Horizontal Dwellings, Row Dwellings -	\$5.00 plus 2.00 for each 10,000 B.T.U.H. Building Heat Lot or part thereof.
(b) Apartment Buildings, Motel, Hotel -	\$5.00 for the first suite plus \$2.00 for each additional suite thereof plus 50¢ for each 10,000 B.T.U.H. Building Heat Loss or part thereof.
(c) Stores or Combined Stores and living quarters -	\$5.00 plus \$2.00 for each 10,000 B.T.U.H. Building Heat Loss or part thereof.
(d) Office Buildings, Medical Office Buildings, Nursing Homes, Rest Homes, Homes for the Aged -	\$5.00 for the first suite plus \$2.00 for each additional suite thereof plus 50¢ for each 10,000 B.T.U.H. Building Heat Loss or part thereof.
(e) Any other buildings or premises not specifically provided for in Clauses (a) (b) and (c) of the foregoing -	\$5.00 plus \$2.00 for each 10,000 B.T.U.H. Building Heat Loss or part thereof.
(f) Industrial Buildings using independent Unit Heaters or using Industrial Type Furnaces burning solid, liquid or gaseous fuels -	\$5.00 per unit plus \$5.00 for each 200,000 B.T.U.H. Building Heat Loss or part thereof.
(g) Infra-red or Radiant Heaters -	\$3.00 per Heater
3. Electric Heating

(a) Detached or semi-detached residential houses -	\$5.00 for the first 9 KWH plus \$2.00 for each additional 3 KWH or part thereof.
(b) Duplex, Double Duplex, Triplex, Multiple Horizontal Dwelling, Apartment Building, Row Dwelling, Motel, Hotel -	\$5.00 for the first apartment suite and \$2.00 for each additional apartment suite plus \$1.00 for each 3 KWH used or part thereof.
(c) Stores, Combined Store and Living Quarters, Nursing Homes, Rest Homes, Homes for Aged, Multiple Industrial Buildings of individual units -	\$5.00 for the first unit and \$2.00 for each additional unit plus \$1.00 for each 3 KWH used or part thereof.
(d) Industrial Buildings, Office Buildings, Medical Office Buildings -	\$5.00 for the first 9 KWH plus \$2.00 for each additional 3 KWH or part thereof.
(e) Any other building or premises not specifically provided for in any of the foregoing -	\$5.00 for the first 9 KWH plus \$2.00 for each additional 3 KWH or part thereof.
4. Electric Heating - Ducted Systems

(a) Detached or semi-detached residential houses -	\$5.00 plus \$2.00 for each 10,000 B.T.U.H. Heat Building Loss or part thereof.
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Schedule "A" to By-law Number 15-74 - Cont'd

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| 5. | Independent space heaters burning solid, liquid or gaseous fuels - | \$5.00 per heater. |
| 6. | Replacing or renewing a furnace - | \$10.00 |
| 7. | Alterations and/or additions to detached or semi-detached dwellings - | \$5.00 plus \$1.00 for each 10,000 B.T.U.H. Building Heat Loss or part thereof. |
| 8. | Special or extra inspections - | \$5.00 each. |