

Part 2

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Part 2

General Requirements

(See Appendix A.)

Section 2.1. Application

2.1.1. Buildings

2.1.1.1. Parts 1, 2, 7 and 12

- (1) Parts 1, 2, 7 and 12 apply to all *buildings*.

2.1.1.2. Parts 3, 4, 5, and 6

- (1) Except as provided in Article 2.1.1.5., Sentence 2.1.1.6.(1) and Subsection 2.1.2., Parts 3, 4, 5, and 6 apply to all *buildings* occupying an area greater than ten square meters (108 ft²) and

- (a) used for
 - (i) Group A, *assembly occupancies*,
 - (ii) Group B, *care or detention occupancies*, or
 - (iii) Group F, Division 1, *high hazard industrial occupancies*, and
- (b) exceeding 600 m² (6460 ft²) in *building area* or exceeding 3 *storeys* in *building height* used for *major occupancies* classified as
 - (i) Group C, *residential occupancies*,
 - (ii) Group D, *business and personal services occupancies*,
 - (iii) Group E, *mercantile occupancies*, or
 - (iv) Group F, Division 2 and 3, *medium and low hazard industrial occupancies*.

2.1.1.3. Part 9

- (1) Except as provided in Sentences 2.1.1.4.(2), 2.1.1.6.(1) and Article 2.1.1.5., Part 9 applies to *buildings* occupying an area greater than ten square metres (108 ft²) .

- (a) of 3 *storeys* or less in *building height*,
- (b) having a *building area* not exceeding 600 m² (6460 ft²), and
- (c) used for:
 - (i) Group C, *residential occupancies*,
 - (ii) Group D, *business and personal services occupancies*,
 - (iii) Group E, *mercantile occupancies*, or

- (iv) Group F, Division 2 and 3, *medium and low hazard industrial occupancies*.

2.1.1.4. Site Assembled and Factory-Built Buildings

- (1) Except as provided in Sentence (2) and Article 2.1.1.7., this Code applies to the design and *construction* of site assembled *buildings* and *manufactured buildings*.

- (2) Except as provided in Sentence (3), a *manufactured building* intended for *residential occupancy* is deemed to comply with this Code if it is designed and constructed in compliance with

- (a) CAN/CSA-Z240.2.1., "Structural Requirements for Mobile Homes", CAN/CSA-Z240.8.1., "Light Duty Windows" and CAN/CSA-Z240.3.1., "Plumbing Requirements for Mobile Homes", if the *building* is constructed in Sections not wider than 4.88 m (16 ft), or
- (b) CSA A-277 "Procedure for Certification of Factory-Built Houses".

- (3) The requirements of this Code shall apply to
- (a) *building* components designed and constructed outside the place of manufacture, and
 - (b) site installation of such *buildings*.

(See Appendix A.)

2.1.1.5. Farm Buildings

- (1) Except as provided in Sentences (2) and (3), *farm buildings* shall conform to the requirements in the CCBFC National Farm Building Code of Canada 1995.

- (2) Articles 1.1.1.2. and 3.1.8.1. and Subsections 3.1.4. and 4.1.4. in the National Farm Building Code of Canada do not apply to *farm buildings*.

- (3) In the National Farm Building Code of Canada, references in Articles 1.1.1.3., 1.2.1.2., 2.2.2.1., 2.2.2.2., 2.3.1.1., 2.3.2.1., 3.1.1.1., 3.1.1.2., 3.1.2.1. and 3.1.6.1. to the National Building Code of Canada are deemed to refer

to this Code.

2.1.1.6. Renovation of Existing Buildings

(1) Except as provided in Sentence (2), Part 11 applies to the design and *construction* of existing *buildings*, or parts of existing *buildings*, that have been in existence for at least five years.

(2) Where a *building* has been in existence for at least five years but includes an addition that has been in existence for less than five years, Part 11 applies to the entire *building*.

2.1.1.7. Existing Buildings

(1) Except as provided in Section 3.15., Article 7.1.2.2., Section 9.41. and Part 11, where an existing *building* is extended or subject to material alteration or repair, the Code is applicable only to the design and *construction* of the extensions and those parts of the *building* that are subject to the material alteration or repair. (See Appendix A.)

(2) Where an existing previously occupied *building* is moved from the original location to be installed elsewhere, or is dismantled at the original location and moved to be reconstituted elsewhere, the Code applies only to changes to the design and *construction* of the *building* required as a result of moving the *building*.

2.1.1.8. Radon

(1) In addition to all other requirements, a *building* in the following designated areas shall be designed and constructed so that the annual average concentration of radon 222 does not exceed 250 millibecquerels per litre of air and the annual average concentration of the short lived daughters of radon 222 does not exceed 0.02 working levels inside the *building*:

- (a) The Town of Elliot Lake in the Territorial District of Algoma,
- (b) The Township of Faraday in the County of Hastings, and
- (c) The geographic Township of Hyman in the Territorial District of Sudbury.

2.1.1.9. Durability of Parking Structures

(1) Parking structures shall be designed in conformance with CAN/CSA-S413, "Parking Structures".

2.1.1.10. Language Used on Required Signs

(1) All required signs in this Code shall be displayed in the English language or in the English and French languages, including operational material on all life safety equipment and devices.

2.1.1.11. Energy Efficiency

(1) Except for *buildings* of *residential occupancy* within the scope of Part 9, *farm buildings* and areas of *buildings* intended primarily for manufacturing or commercial or industrial processing, the energy efficiency of all *buildings* shall be designed to good engineering practice such as described in

- (a) the ASHRAE/IES 90.1-1989, "Energy Efficient Design of New Buildings Except Lowrise Residential Buildings" and the Supplementary Guidelines to the 1997 OBC, or
- (b) the Model National Energy Code for Buildings, 1997.

2.1.1.12. Change of Use

(1) Part 10 applies to existing *buildings* requiring a permit under Section 10 of the Act.

2.1.1.13. Building in Flood Plains

- (1) *Buildings* constructed on flood plains shall
- (a) be designed and constructed in accordance with good engineering practice to withstand anticipated vertical and horizontal hydrostatic pressures acting on the structure, and
- (b) incorporate floodproofing measures that will preserve the integrity of exits and means of egress during times of flooding.

2.1.1.14. Sewage Systems

(1) Part 8 applies to the *construction*, operation and maintenance of all *sewage systems* and to the *construction* of *buildings* in the vicinity of *sewage systems*.

2.1.2. Designated Structures

2.1.2.1. Part 4

- (1) Part 4 applies to the following designated structures:
- (a) a retaining wall exceeding 1 000 mm (3 ft 3 in) in exposed height adjacent to

- (i) public property,
- (ii) access to a *building*, or
- (iii) private property to which the public is admitted,
- (b) the structural requirements for signs regulated by Section 3.14.,
- (c) a communication tower exceeding 16.6 m (54 ft 6 in) above ground level,
- (d) a pedestrian bridge appurtenant to a *building*,
- (e) a crane runway,
- (f) an exterior storage tank and its supporting structure which is not regulated by the *Gasoline Handling Act* or the *Energy Act*,
- (g) a dish antenna or a solar collector that is mounted on a *building* and has a face area equal to or greater than 5 m² (53.8 ft²), and
- (h) an *outdoor pool* that has a water depth greater than 3.5 m (11 ft 6 in) at any point.

(2) *Public pools* are designated structures to which Section 3.11. applies.

★ (3) *Public spas* are designated structures to which Section 3.11A. applies.

2.1.3. Building Size Determination

2.1.3.1. Building Divided by Firewalls

- (1) Where a *firewall* divides a *building*, each portion of the *building* so divided shall be considered as a separate *building*, except for the purpose of
- (a) *gross area* determination in Section 2.3.,
 - (b) a fire alarm and detection system in Sentence 3.2.4.2.(1) or Article 9.10.17.1., or
 - (c) a *plumbing system* interconnected through a *firewall*.
- (See Appendix A.)

2.1.3.2. Building Divided by Vertical Fire Separations

(1) Except as permitted in Sentence (2), where portions of a *building* are completely separated by a vertical *fire separation* that has a *fire-resistance rating* of at least 1 h and extends through all *storeys* and *service spaces* of the separate portions, each separated portion is permitted to be considered as a separate *building* for the purpose of determining *building height* provided

- (a) each separated portion is not more than 3 *storeys* in *building height* and is used only for *residential occupancies*, and
 - (b) the unobstructed path of travel for the fire fighter from the nearest *street* to one entrance of each separated portion is not more than 45 m (147 ft 8 in).
- (See Appendix A.)

(2) The vertical *fire separation* in Sentence (1) may terminate at the floor assembly immediately above a *basement* provided the *basement* conforms to Article 3.2.1.2.

Section 2.2. Materials, Appliances, Systems and Equipment

2.2.1. General

2.2.1.1. Characteristics of Materials, Appliances, Systems and Equipment

(1) All materials, *appliances*, systems and equipment installed to meet the requirements of this Code shall possess the necessary characteristics to perform their intended functions when installed in a *building*.

2.2.1.2. Recycled Materials, Used Materials, Appliances and Equipment

(1) Unless otherwise specified, recycled materials in *building* products may be used and used materials, *appliances* and equipment may be reused when they meet the requirements of this Code for new materials and are satisfactory for the intended use.

2.2.2. Building Materials Evaluation Commission

2.2.2.1. Application Fee

(1) The fee on an application to the Building Materials Evaluation Commission is \$950.00.

Section 2.3. Design and General Review

2.3.1. Design

2.3.1.1. Design by Architect or Professional Engineer

(1) Except as permitted in Sentences (2) and (3), the *construction*, including, for greater certainty, enlargement or alteration, of every *building* or part thereof described in Table 2.3.1.1. and this Article shall be designed and reviewed by an *architect*, *professional engineer* or both.

(2) An *architect* may provide the services within the practice of professional engineering in any *building* described in Table 2.3.1.1., or a *professional engineer* may provide the services within the practice of architecture in any *building* described in Table 2.3.1.1. where to do so does not constitute a substantial part of the services provided by the other profession related to the *construction* of the *building* and is necessary

- (a) for the *construction* of the *building* and is incidental to the other services provided by the *architect* or *professional engineer*, or
- (b) for coordination purposes.

Table 2.3.1.1. ⁽⁴⁾
Design and General Review
Forming Part of Sentence 2.3.1.1.(1)

Building Classification by Major Occupancy	Building Description	Design and General Review by:
Assembly occupancy only	Every building	Architect and professional engineer ⁽¹⁾
Assembly occupancy and any other major occupancy except industrial	Every building	Architect and professional engineer ⁽¹⁾
Care or detention occupancy only	Every building	Architect and professional engineer ⁽¹⁾
Care or detention occupancy and any other major occupancy except industrial	Every building	Architect and professional engineer ⁽¹⁾
Residential occupancy only	Every building that exceeds 3 storeys in building height	Architect and professional engineer ⁽¹⁾
	Every building that exceeds 600 m ² (6460 ft ²) in gross area and that contains a residential occupancy other than a dwelling unit or dwelling units	Architect ⁽²⁾
Residential occupancy only	Every building that exceeds 600 m ² (6460 ft ²) in gross area and contains a dwelling unit above another dwelling unit	Architect ⁽²⁾
	Every building that exceeds 600 m ² (6460 ft ²) in building area contains 3 or more dwelling units and has no dwelling unit above another dwelling unit	Architect ⁽²⁾
Residential occupancy and any other major occupancy except industrial, assembly or care or detention occupancy	Every building that exceeds 600 m ² (6460 ft ²) in gross area or 3 storeys in building height	Architect and professional engineer ⁽¹⁾
Business and personal services occupancy only	Every building that exceeds 600 m ² (6460 ft ²) in gross area or 3 storeys in building height	Architect and professional engineer ⁽¹⁾
Business and personal services occupancy and any other major occupancy except industrial, assembly or care or detention occupancy	Every building that exceeds 600 m ² (6460 ft ²) in gross area or 3 storeys in building height	Architect and professional engineer ⁽¹⁾
Mercantile occupancy only	Every building that exceeds 600 m ² (6460 ft ²) in gross area or 3 storeys in building height	Architect and professional engineer ⁽¹⁾
Column 1	2	3

Table 2.3.1.1.⁽⁴⁾ (Cont'd)
Design and General Review
 Forming Part of Sentence 2.3.1.1.(1)

<i>Building Classification by Major Occupancy</i>	<i>Building Description</i>	<i>Design and General Review by:</i>
<i>Mercantile occupancy</i> and any other <i>major occupancy</i> except <i>industrial, assembly or care or detention occupancy</i>	Every <i>building</i> that exceeds 600 m ² (6460 ft ²) in <i>gross area</i> or 3 <i>storeys</i> in <i>building height</i>	<i>Architect and professional engineer</i> ⁽¹⁾
<i>Industrial occupancy</i> only and where there are no <i>subsidiary occupancies</i>	Every <i>building</i> that exceeds 600 m ² (6460 ft ²) in <i>gross area</i> or 3 <i>storeys</i> in <i>building height</i>	<i>Architect or professional engineer</i> ⁽³⁾
<i>Industrial occupancy</i> and one or more other <i>major occupancies</i> where the portion of the area occupied by one of the other <i>major</i> or <i>subsidiary occupancies</i> exceeds 600 m ² (6460 ft ²)	The non-industrial portion of every <i>building</i>	<i>Architect and professional engineer</i> ⁽¹⁾
	The industrial portion of every <i>building</i>	<i>Architect or professional engineer</i> ⁽³⁾
<i>Industrial occupancy</i> and one or more other <i>major occupancies</i> where no portion of the area occupied by one of the other <i>major</i> or <i>subsidiary occupancies</i> exceeds 600 m ² (6460 ft ²)	Every <i>building</i> that exceeds 600 m ² (6460 ft ²) in <i>gross area</i> or 3 <i>storeys</i> in <i>building height</i>	<i>Architect or professional engineer</i> ⁽³⁾
Column 1	2	3

Notes To Table 2.3.1.1.

- ⁽¹⁾ An *architect* shall provide services within the practice of architecture and a *professional engineer* shall provide the services within the practice of professional engineering.
- ⁽²⁾ An *architect* may engage a *professional engineer* to provide services within the practices of professional engineering.
- ⁽³⁾ Only a *professional engineer* may provide services within the practice of professional engineering.
- ⁽⁴⁾ Requirements for design and general review by an *architect* or *professional engineer* or a combination of both for the *construction*, enlargement or alteration of a *building* are set out in the *Architects Act* and the *Professional Engineers Act*.

(3) The requirement for an *architect* does not apply to the preparation or provision of a design for interior space for a *building*, including finishes, fixed or loose furnishings, equipment, fixtures and partitioning of space, and related exterior elements such as signs, finishes and glazed openings used for display purposes, that does not affect or is not likely to affect,

- (a) the structural integrity,
- (b) a fire safety system or *fire separation*,
- (c) a main entrance or *public corridor* on a floor,
- (d) an *exit* to a public thoroughfare or to the exterior,
- (e) the *construction* or location of an exterior wall, or
- (f) the usable floor space through the addition of a *mezzanine*, infill or other similar element,

of the *building*. (See Appendix A.)

- (4) Where a *building* or part of it described in Table 2.3.1.1. is designed by an *architect* or a *professional engineer* or a combination of both as required by this Article,

all plans, sketches, drawings, graphic representations, specifications and other documents that are prepared by an *architect*, *professional engineer* or both and that form the basis for the issuance of a permit under Section 8 of the Act or any changes to it authorized by the *chief building official* shall bear the signature and seal of the *architect*, *professional engineer* or both, as applicable.

(5) Where the *foundations* of a *building* are to be constructed below the level of the footings of an adjacent *building* and within the angle of repose of the *soil*, as drawn from the bottom of the footings, the *foundations* shall be designed by a *professional engineer*.

(6) The thermal design of a *building* in accordance with Section 9.38. shall be prepared and provided by an *architect* or *professional engineer* or a combination of both.

2.3.2. General Review

2.3.2.1. General Review by Architect or Professional Engineer

- (1) Except as permitted in Sentence (2), a person who intends to *construct* or have constructed a *building* required to be designed by an *architect*, *professional engineer* or both, shall ensure that an *architect*, *professional engineer* or both are retained to undertake the general review of the *construction* of the *building* in accordance with the performance standards of the Ontario Association of Architects or the Association of Professional Engineers of Ontario, as applicable, to determine whether the *construction* is in general conformity with the plans, sketches, drawings, graphic representations, specifications and other documents that are prepared by an *architect*, *professional engineer* or both and that form the basis for the issuance of a permit under Section 8 of the Act or any changes to it authorized by the *chief building official*, copies of written reports arising out of the general review shall be forwarded to the *chief building official* or *registered code agency*, as the case may be, by the *architect*, *professional engineer* or both who have been retained to undertake the general review of the *construction* of the *building*.

(2) An *architect* or a *professional engineer* need not be retained to undertake the general review of *construction* of a *building* where the *building* is designed in accordance with Section 9.38.

2.3.2.2. Restriction for General Review

- (1) Only an *architect* may carry out or provide the general review of the *construction* of a *building*
- (a) that is constructed in accordance with a design prepared or provided by an *architect*, or
 - (b) in relation to services that are provided by an *architect* in connection with the design in accordance with which the *building* is constructed.
- (2) Only a *professional engineer* may carry out or provide the general review of the *construction* of a *building*
- (a) that is constructed in accordance with a design prepared or provided by a *professional engineer*, or
 - (b) in relation to services that are provided by a *professional engineer* in connection with the design in accordance with which the *building* is constructed.

2.3.2.3. Demolition of a Building

- (1) The applicant for a permit respecting the *demolition*

of a *building* shall retain a *professional engineer* to undertake the general review of the project during *demolition*, where

- (a) the *building* exceeds 3 *storeys* in *building height* or 600 m² (6460 ft²) in *building area*,
- (b) the *building* structure includes pre-tensioned or post-tensioned members,
- (c) it is proposed that the *demolition* will extend below the level of the footings of any adjacent *building* and occur within the angle of repose of the *soil*, drawn from the bottom of such footings, or
- (d) explosives or a laser are to be used during the course of *demolition*.

Section 2.4. Permits and Inspections

2.4.1. Permits

2.4.1.1. Requirement for Permits

- (1) A person is exempt from the requirement to obtain a permit under Section 8 of the Act
- (a) for the *demolition* of a *building* located on a farm,
 - (b) subject to Sentence (1.1), for the *construction* or *demolition* of a *building* in territory without municipal organization, or
 - (c) for the *construction* of a Class 1 *sewage system*.

(1.1) The exemption in Clause (1)(b) from the requirement to obtain a permit does not apply to the *construction* of a *sewage system* in territory without municipal organization.

(2) Where a permit is required for the *demolition* of a *building* in Sentence 2.3.2.3.(1), descriptions of the structural design characteristics of the *building* and the method of *demolition* shall be included in the application for a permit to demolish the *building*.

(3) No person shall commence *demolition* of a *building* or any part of a *building* before the *building* has been vacated by the occupants except where the safety of the occupants is not affected.

(4) Reserved. ■

(5) A tent or group of tents is exempt from the requirement to obtain a permit under Section 8 of the Act and is exempt from compliance with the Code provided that the tent or group of tents are:

- (a) not more than 60 m² (646 ft²) in aggregate ground area,

- (b) not attached to a *building*, and
- (c) constructed more than 3 m (9 ft 10 in) from other structures.

▣ **2.4.1.1A. Applications for Permits under Section 8 of the Act**

(1) An application for a permit under Section 8 of the Act to *construct* or *demolish* a *building* shall be made after June 30, 2005 by

- (a) the owner of the property on which the proposed *construction* or *demolition* is to take place, or
- (b) the authorized agent of the owner referred to in Clause (a).

(2) An application referred to in Sentence (1) that is made after June 30, 2005 shall be in a form approved by the *Minister*.

(3) In Sentence (1),

owner includes, in respect of the property on which the *construction* or *demolition* will take place, the registered owner, a lessee and a mortgagee in possession.

▣ **2.4.1.1B. Period Within Which a Permit is Issued or Refused**

(1) Subject to Sentences (2) and (3), if an application for a permit under Subsection 8(1) of the Act that meets the requirements of Sentence (5) is submitted after June 30, 2005 to a *chief building official*, the *chief building official* shall, within the time period set out in Column 3 of Table 2.4.1.1B. corresponding to the class of *building* described in Column 2 of Table 2.4.1.1B. for which the application is made:

- (a) issue the permit, or
- (b) refuse to issue the permit and provide in writing all of the reasons for the refusal.

(2) If an application made after June 30, 2005 for a permit under Subsection 8(1) of the Act proposes *construction* or *demolition* of two or more *buildings* of different classes described in Column 2 of Table 2.4.1.1B. that have different time periods in Column 3 of Table 2.4.1.1B., the longer of the time periods shall be the time period for the purposes of Sentence (1).

(3) If an application for a permit under Subsection 8(1) of the Act proposes *construction* or *demolition* of a *building* described in Sentence (4), the time period for the purposes of Sentence (1) shall be the longer of

- (a) 10 days, and

- (b) the time period corresponding to the class of the *building* described in Column 2 of Table 2.4.1.1B. that the *building* in Sentence (4) serves, if any.

(4) A *building* referred to in Sentence (3) is:

- (a) a structure occupying an area of 10 m² (108 ft²) or less that contains *plumbing*, including the *plumbing* appurtenant to it,
- (b) *plumbing* not located in a structure,
- (c) a *sewage system*, or
- (d) a structure described in Article 2.1.2.1.

(5) The requirements for an application referred to in Sentence (1) for a permit under Subsection 8(1) of the Act are:

- (a) that the application be made in the form described in Sentence 2.4.1.1A.(2),
- (b) that the application be signed by a person described in Clause 2.4.1.1A.(1)(a) or (b),
- (c) that all applicable fields on the application form and required schedules are completed,
- (d) that all attachments indicated as being attached to the application are submitted with the application, and
- (e) that the application be accompanied by the types and quantities of plans and specifications that are prescribed by the applicable by-law, resolution or regulation made under Clause 7(1)(b) of the Act.

(6) The time period described in Sentences (1) to (3) shall begin on the day following the later of

- (a) the day on which an application meeting the requirements of Sentence (5) is submitted to the *chief building official*, and
- (b) the day on which payment is made of all fees that are required, under a by-law, regulation or resolution made under Clause 7(1)(c) of the Act, to be paid when the application is made.

(7) Subject to Sentences (8) and (9), the time periods described in Column 3 of Table 2.4.1.1B. shall not include Saturdays, holidays and all other days when the offices of the principal authority are not open for the transaction of business with the public.

(8) The time period in Sentence (9) applies where

- (a) an application is made for the *construction* of a *building* that is served by a *sewage system*,
- (b) *construction* is proposed in respect of the *sewage system* that serves the *building*, and
- (c) a board of health, conservation authority, planning board or the council of an upper-tier *municipality* is responsible for the enforcement of the provisions of the Act and this Code related to the *sewage system*

under Section 3.1 of the Act or pursuant to an agreement under Section 6.2 of the Act.

(9) The time period described in Sentences (1) to (3) for an application referred to in Clause (8)(a) shall begin on the day following the latest of

- (a) the day on which an application meeting the requirements of Sentence (5) is submitted to the *chief building official*,

- (b) the day on which payment is made of all fees that are required, under a by-law, regulation or resolution made under Clause 7(1)(c) of the Act, to be paid when the application is made, and
- (c) the day on which a permit for the *construction* of the *sewage system* referred to in Clause (8)(b) is issued.

Table 2.4.1.1B.
Period Within Which Permit Shall be Issued or Refused
Forming Part of Article 2.4.1.1B.

Row Number	Class of Building	Time Period
1	<p>(a) A detached house, semi-detached house, townhouse, or row house where no <i>dwelling unit</i> is located above another <i>dwelling unit</i>, if it is subject to an agreement made under Section 6 of the Act.</p> <p>(b) A detached structure that serves a building described in Clause (a) and does not exceed 50 m² (538 ft²) in <i>building area</i>.</p>	5 days
2	<p>(a) A detached house, semi-detached house, townhouse, or row house where no <i>dwelling unit</i> is located above another <i>dwelling unit</i>, if it is not subject to an agreement made under Section 6 of the Act.</p> <p>(b) A detached structure that serves a building described in Clause (a) and does not exceed 50 m² (538 ft²) in <i>building area</i>.</p> <p>(c) A tent to which Section 3.13. applies.</p> <p>(d) A sign to which Section 3.14 applies.</p>	10 days
3	<p>(a) Buildings described in Clauses 2.1.1.3.(1)(a), (b) and (c), excluding:</p> <p>(i) buildings described in Column 2 of any of Rows 1, 2 and 5 of this Table.</p> <p>(b) Farm buildings that do not exceed 600 m² (6460 ft²) in <i>building area</i>.</p>	15 days
4	<p>(a) Buildings described in Clause 2.1.1.2.(1)(a) or (b), excluding:</p> <p>(i) buildings described in Column 2 of any of Rows 1, 2 and 5 of this Table.</p> <p>(b) Farm buildings exceeding 600 m² (6460 ft²) in <i>building area</i>.</p>	20 days
5	<p>(a) Post-disaster buildings.</p> <p>(b) Buildings to which Subsection 3.2.6. or any provision in Articles 3.2.8.2. to 3.2.8.11. applies.</p>	30 days
Column 1	2	3

2.4.1.2. Permits Under Section 10 of the Act

(1) Except as provided in Sentence (2), the following changes in use of a *building* or part of a *building* constitute an increase in hazard for the purposes of Section 10 of the Act and require a permit under Section 10 of the Act:

- (a) a change of the *major occupancy* of all or part of a *building* that is designated with a "Y" in Table 2.4.1.2. takes place,
- (b) a *suite* of a Group C *major occupancy* is converted into more than one *suite* of Group C *major occupancy*,
- ♣ (b.1) a *suite* or part of a *suite* of a Group A, Division 2 or a Group A, Division 4 *major occupancy* is converted to a *gaming premise*,
- (c) a *farm building* or part of a *farm building* is changed to a *major occupancy*, or
- (d) the use of a *building* or part of a *building* is changed and the previous *major occupancy* of the *building* or part of the *building* cannot be determined.

(2) A person is exempt from the requirement to obtain a permit under Section 10 of the Act where the change in use of the *building* or part of the *building* will result from proposed *construction* and a permit under Section 8 of the Act has been issued in respect of such *construction*.

(3) A person is exempt from the requirement to obtain a permit under Section 10 of the Act for the change of use of a *building* in unorganized territory. ■

2.4.1.3. Conditional Permits

(1) The *chief building official* shall not issue a conditional permit for any stage of *construction* under Subsection 8(3) of the Act unless compliance with the following *applicable laws* has been achieved in respect of the *construction* of the proposed *building*:

- (a) regulations made under Clause 28(1)(e) of the *Conservation Authorities Act*;

Table 2.4.1.2.
Permit Required for Change of Use
Forming Part of Sentence 2.4.1.2.(1)⁽¹⁾

		FROM ⁽²⁾												
		A-1	A-2	A-3	A-4	B-1	B-2	B-3	C	D	E	F-1	F-2	F-3
TO ⁽³⁾	A-1	N ⁽⁵⁾	Y	Y	N ⁽⁵⁾	Y	Y	Y	Y	Y	Y	Y	Y	Y
	A-2	Y	N ⁽⁵⁾	Y	N ⁽⁵⁾	Y	Y	Y	Y	Y	Y	Y	Y	Y
	A-3	Y	Y	N ⁽⁵⁾	N ⁽⁵⁾	Y	Y	Y	Y	Y	Y	Y	Y	Y
	A-4	Y	Y	Y	N ⁽⁵⁾	Y	Y	Y	Y	Y	Y	Y	Y	Y
	B-1	Y	Y	Y	N ⁽⁵⁾	N ⁽⁵⁾	Y	Y	Y	Y	Y	Y	Y	Y
	B-2	Y	Y	Y	N ⁽⁵⁾	Y	N ⁽⁵⁾	Y	Y	Y	Y	Y	Y	Y
	B-3	Y	Y	Y	N ⁽⁵⁾	Y	N ⁽⁵⁾	N ⁽⁵⁾	Y	Y	Y	Y	Y	Y
	C	Y	Y	Y	N ⁽⁵⁾	Y	N ⁽⁵⁾	N ⁽⁵⁾	-4	Y	Y	Y	Y	Y
	D	N ⁽⁵⁾	N ⁽⁵⁾	Y	N ⁽⁵⁾	Y	N ⁽⁵⁾	N ⁽⁵⁾	Y	N ⁽⁵⁾	Y	Y	N ⁽⁵⁾	N ⁽⁵⁾
	E	Y	Y	Y	N ⁽⁵⁾	Y	Y	Y	Y	Y	N ⁽⁵⁾	Y	Y	Y
	F-1	Y	Y	Y	N ⁽⁵⁾	Y	Y	Y	Y	Y	Y	N ⁽⁵⁾	Y	Y
	F-2	Y	Y	Y	N ⁽⁵⁾	Y	Y	Y	Y	Y	Y	N ⁽⁵⁾	N ⁽⁵⁾	Y
	F-3	Y	N ⁽⁵⁾	Y	N ⁽⁵⁾	Y	Y	Y	Y	N ⁽⁵⁾	N ⁽⁵⁾	N ⁽⁵⁾	N ⁽⁵⁾	N ⁽⁵⁾

Notes to Table 2.4.1.2.:

- (1) See Clauses 2.4.1.2.(1)(a), 3.15.1.1.(1)(a) and 9.41.1.1.(1)(a).
- (2) *Major occupancy* of all or part of a *building* before change of use.
- (3) *Major occupancy* of all or part of a *building* after change of use.
- (4) See Clauses 2.4.1.2.(1)(b), 3.15.1.1.(1)(b), 9.41.1.1.(1)(b) and 11.4.2.3.(1)(b).
- (5) "N" is only applicable where the major occupancy of the entire suite is changed.

- (b) Subsection 5(3) of the *Environmental Assessment Act*;
- (c) reserved;
- (d) Subsection 24(3) of the *Niagara Escarpment Planning and Development Act*;
- (e) Section 30, Subsections 33(1), 34(1) and Section 42 of the *Ontario Heritage Act*,
- (f) reserved.

(2) For the purposes of issuing a conditional permit under Subsection 8(3) of the Act, a person is exempt from the requirement in Clause 8(3)(a) of the Act of compliance with by-laws passed under Sections 34 and 38 of the *Planning Act* where

- (a) a committee of adjustment has made a decision under Section 45 of the *Planning Act* authorizing one or more minor variances from the provisions of any by-laws made under Sections 34 and 38 of that Act,
- (b) such minor variance or variances result in the achievement of full compliance with such by-laws, and
- (c) no person informed the committee of adjustment of objections to the minor variances either in writing or in person at the hearing of the application.

- (3) For the purposes of issuing a conditional permit under Subsection 8(3) of the Act, a person is exempt from the requirement in Clause 8(3)(a) of the Act of compliance with by-laws passed under Sections 34 and 38 of the *Planning Act* where the *construction* in respect of which the conditional permit is issued is required in order to comply with an order issued under Subsection 21(1) of the *Fire Protection and Prevention Act, 1997* or under Subsection 15(3) of the *Building Code Act, 1992*.

(4) A permit issued under Subsection 8(3) of the Act shall indicate its conditional nature.

2.4.2. Site Documents

2.4.2.1. Permit Posting

(1) Where a permit has been issued pursuant to the Act, the person to whom it is issued shall have the permit or a copy thereof posted at all times during *construction* or *demolition* in a conspicuous place on the property in respect of which the permit was issued.

2.4.2.2. Documentation on Site

(1) The person in charge of the *construction* of the *building* shall keep and maintain on the site of the *construction*

- (a) at least one copy of drawings and specifications certified by the *chief building official* or a person designated by the *chief building official* to be a copy of those submitted with the application for the permit to *construct* the *building*, together with changes that are authorized by the *chief building official* or a person designated by the *chief building official*, and
- (b) authorization or facsimiles thereof received from the Building Materials Evaluation Commission, including specified terms and conditions.

2.4.3. Occupancy of Unfinished Building

2.4.3.1. Occupancy Permit

(1) Except as permitted in Sentence 2.4.3.2.(1), a person may occupy or permit to be occupied any *building* or part thereof that has not been fully completed at the date of occupation where the *chief building official* or a person designated by the *chief building official* has issued a permit authorizing occupation of the *building* or part thereof prior to its completion in accordance with Sentence (2).

(2) The *chief building official* or a person designated by the *chief building official* shall issue a permit authorizing occupation of a *building*, where

- (a) the structure of the *building* or part thereof is completed to the roof,
- (b) the enclosing walls of the *building* or part thereof are completed to the roof,
- (c) the walls enclosing the space to be occupied are completed, including balcony *guards*,
- (d) all required *fire separations* and *closures* are completed on all storeys to be occupied,
- (e) all required *exits* are completed and fire separated including all doors, door hardware, self-closing devices, balustrades and handrails from the uppermost floor to be occupied down to *grade* level and below if an *exit* connects with lower *storeys*,
- (f) all shafts including *closures* are completed to the floor-ceiling assembly above the *storey* to be occupied and have a temporary *fire separation* at such assembly,
- (g) measures have been taken to prevent access to parts of the *building* and site that are incomplete or still under *construction*,

- (h) floors, halls, lobbies and required *means of egress* are kept free of loose materials and other hazards,
- (i) if service rooms should be in operation, required *fire separations* are completed and all *closures* installed,
- (j) all *building drains*, *building sewers*, *water systems*, *drainage systems* and *venting systems* are complete and tested as operational for the *storeys* to be occupied,
- (k) required lighting, heating and electrical supply are provided for the *suites*, rooms and common areas to be occupied,
- (l) required lighting in corridors, stairways and *exits* is completed and operational up to and including all *storeys* to be occupied,
- (m) required standpipe, sprinkler and fire alarm systems are complete and operational up to and including all *storeys* to be occupied, together with required pumper connections for such standpipes and sprinklers,
- (n) required fire extinguishers have been installed on all *storeys* to be occupied,
- (o) main garbage rooms, chutes and ancillary services thereto are completed to *storeys* to be occupied,
- (p) required fire fighting access routes have been provided and are accessible, and
- (q) the *sewage system* has been completed and is operational.

- (3) Where a *registered code agency* has been appointed to perform the functions described in Clause 4.1(4)(b) or (c) of the Act in respect of the *construction* of the *building*, the *chief building official* or a person designated by the *chief building official* shall issue the permit referred to in Sentence (2) after receipt of a *certificate for the occupancy of a building not fully completed* issued by the *registered code agency* in respect of the *building*.

2.4.3.2. Conditions for Residential Occupancy

(1) A person may occupy or permit to be occupied a *building* intended for *residential occupancy* that has not been fully completed at the date of occupation provided that

- (a) the *building*
 - (i) is not more than 3 *storeys* in *building height* and 600 m² (6460 ft²) in *building area*,
 - (ii) has not more than 1 *dwelling unit* above another *dwelling unit*,
 - (iii) has not more than 2 *dwelling units* sharing a common *means of egress*, and
 - (iv) has no accommodation for tourists,

- (b) the following *building* components and systems are complete, operational and inspected:
 - (i) required *exits*, handrails and *guards*, fire alarm and detection systems, and *fire separations*,
 - (ii) required exhaust fume barriers and self-closing devices on doors between an attached or built-in garage and a *dwelling unit*, and
 - (iii) water supply, sewage disposal, lighting and heating systems,
- (c) the following *building* components and systems are complete, operational, inspected and tested:
 - (i) *water systems*,
 - (ii) *building drains* and *building sewers*, and
 - (iii) *drainage systems* and *venting systems*, and
- (d) where applicable, the *building* conforms to Article 2.1.1.8.

2.4.3.3. Notification

(1) Where a person has occupied or permitted the occupancy of a *building* under this Subsection, such person shall notify the *chief building official* forthwith upon completion of the *building*.

2.4.4. Fire Department Inspection

2.4.4.1. Fire Department Approval

□

(1) Subject to Sentence (2), if the council of a *municipality* assigns specific responsibility for the enforcement of any portion of this Code respecting fire safety matters to an *inspector* who is the chief of the fire department of the *municipality*, the *chief building official* shall not issue a permit to *construct* a *building* unless the *inspector* approves the drawings submitted with the application for the permit as complying with that portion of this Code.

(2) If a *registered code agency* has been appointed under ➤ Clause 4.1(4)(a) or (c) of the Act

- (a) a *municipality* shall not assign responsibility under Sentence (1) to the chief of the fire department with respect to a *building* for which the *registered code agency* has been appointed, and
- (b) any assignment of responsibility under Sentence (1) with respect to a *building* for which the *registered code agency* is appointed shall be cancelled as of the date of the appointment.

2.4.5. Notices and Inspections

2.4.5.1. Prescribed Notices

(1) This Article sets out the notices that are required under Section 10.2 of the Act.

(2) The person to whom a permit under Section 8 of the Act is issued shall notify the *chief building official* or, where a *registered code agency* is appointed under the Act in respect of the *construction* to which the notice relates, the *registered code agency* of:

- (a) readiness to *construct* footings,
- (b) substantial completion of footings and *foundations* prior to commencement of backfilling,
- (c) substantial completion of structural framing and ductwork and piping for heating and *air-conditioning* systems, if the *building* is within the scope of Part 9,
- (d) substantial completion of structural framing and roughing-in of heating, ventilation, *air-conditioning* and air-contaminant extraction equipment, if the *building* is not a *building* to which Clause (c) applies,
- (e) substantial completion of insulation, vapour barriers and air barriers,
- (f) substantial completion of all required *fire separations* and *closures* and all fire protection systems including standpipe, sprinkler, fire alarm and emergency lighting systems,
- (g) substantial completion of fire access routes,
- (h) readiness for inspection and testing of:
 - (i) *building sewers* and *building drains*,
 - (ii) *water service pipes*,
 - (iii) *fire service mains*,
 - (iv) *drainage systems* and *venting systems*,
 - (v) the *water distribution system*, and
 - (vi) *plumbing fixtures* and *plumbing appliances*,
- (i) readiness for inspection of suction and gravity outlets, covers and suction piping serving outlets of an *outdoor pool* described in Clause 2.1.2.1.(1)(h), a *public pool* or a *public spa*,
- (j) substantial completion of the circulation / *recirculation system* of an *outdoor pool* described in Clause 2.1.2.1.(1)(h), a *public pool* or *public spa* and substantial completion of the pool before it is first filled with water,
- (k) readiness to *construct* the *sewage system*,
- (l) substantial completion of the installation of the *sewage system* before the commencement of backfilling,
- (m) substantial completion of installation of *plumbing* not located in a structure, before the commencement of backfilling, and

- (n) completion of *construction* and installation of components required to permit the issue of an occupancy permit under Sentence 2.4.3.1.(2) or to permit occupancy under Sentence 2.4.3.2.(1), if the *building* or part of the *building* to be occupied is not fully completed.

2.4.5.2. Additional Notices

(1) A *principal authority* may pass a by-law or resolution or make a regulation under Clause 7(1)(e) of the Act, as part of its responsibility for the enforcement of the Act, in order to establish time periods within which notice of one or more of the following stages of *construction* must be given:

- (a) commencement of *construction* of the *building*,
- (b) substantial completion of structural framing for each *storey*, if the *building* is a type of *building* that is within the scope of Parts of this Code other than Part 9,
- (c) commencement of *construction* of:
 - (i) masonry fireplaces and *masonry chimneys*,
 - (ii) *factory-built fireplaces* and *allied chimneys*,
 - (iii) *stoves*, *ranges*, *space heaters* and add-on *furnaces* using solid fuels and *allied chimneys*,
- (d) substantial completion of interior finishes,
- (e) substantial completion of heating, ventilating, *air-conditioning* and air-contaminant extraction equipment,
- (f) substantial completion of exterior cladding,
- (g) substantial completion of site grading,
- (h) substantial completion of the pool deck and dressing rooms for a *public pool* or *public spa* and readiness for inspection of the emergency stop system for a *public pool* or *public spa*, and
- (i) completion and availability of drawings of the *building* as constructed.

(2) The person to whom a permit under Section 8 of the Act is issued shall notify the *chief building official* or, if a *registered code agency* is appointed under the Act in respect of the *construction* to which the notice relates, the *registered code agency* of the stages of *construction* for which a time period for giving notice is required under Sentence (1).

2.4.5.3. Prescribed Inspections

(1) Except as provided in Sentence (2), an *inspector* or *registered code agency*, as the case may be, shall, not later than two days after receipt of a notice given under Sentence 2.4.5.1.(2), undertake a site inspection of the *building* to which the notice relates.

(2) Where a notice given under Sentence 2.4.5.1.(2) relates to matters described in Clause 2.4.5.1.(2)(k) or (l), an *inspector* or *registered code agency*, as the case may be, shall, not later than five days after receipt of the notice, undertake a site inspection of the *sewage system* to which the notice relates.

(3) When undertaking an inspection required under Sentence (1) or (2), the *inspector* or *registered code agency*, as the case may be, may consider reports concerning whether the *building* or a part of the *building* complies with the Act or this Code.

(4) The time periods referred to in Sentences (1) and (2) shall begin on the day following the day on which the notice is given.

(5) The time periods referred to in Sentences (1) and (2) shall not include Saturdays, holidays and all other days when the offices of the *principal authority* are not open for the transaction of business with the public.

2.4.5.4. Exemption

(1) A person is exempt from the requirement in Sentences 2.4.5.1.(2) and 2.4.5.2.(2) to give notice to the *chief building official* in respect of *construction* if

- (a) a permit in respect of the *construction* was issued to the person under Section 8 of the Act before July 1, 2005, and
- (b) the person notifies the *chief building official* in accordance with
 - (i) Sentence 2.4.5.1.(1) as it read on June 30, 2005, and
 - (ii) the by-law passed by the *municipality* under Clause 7(e) of the Act, as the by-law read on June 30, 2005.

(2) Article 2.4.5.3. does not apply to *construction* to which Sentence (1) relates.

2.4.5.5. Construction of Sewage Systems

(1) The following information is prescribed for the purposes of Subsection 15.12(3) of the Act and must be provided to the *chief building official* before the commencement of the *construction* of a *sewage system*:

- (a) the information described in Sentence 2.18.4.1.(2) as it relates to:
 - (i) the person registered under Article 2.18.3.2., and

- (ii) the person with the qualifications described in Clause 2.18.3.2.(1)(a) who will supervise *construction* on-site of the *sewage system*, and
- (b) the name and telephone number of the representative of the person described in Subclause (a)(i) who may be contacted by the *chief building official* in respect of the *construction* of the *sewage system*.

2.4.6. As Constructed Plans

2.4.6.1. Application

(1) Where the council of a municipality has passed a by-law pursuant to Subsection 7(g) of the Act, the *chief building official* may require that *as constructed plans* for the whole of, or any part or system of, a *building* or any class of *buildings* be provided by the persons responsible for the *construction*. (See Appendix A.)

Section 2.5. Climatic Data

2.5.1. Climatic and Seismic Values

2.5.1.1. Design Values

(1) The climatic and seismic values required for the design of *buildings* under this Code shall be in conformance with the values provided in Table 2.5.1.1. (See Appendix A.)

Table 2.5.1.1.
Design Data For Selected Locations in Ontario
 Forming part of Sentence 2.5.1.1.(1)

Location	Design Temperature				Degree Days Below 18°C	15 Min., Rain., mm	One Day Rain., mm	Ann. Tot. Pcpn., mm	Snow and Rain Loads				Hourly Wind Pressures			Seismic Data		
	January		July 2½ %						Ground Loads, kPa		Composite Load, kPa		1/10, kPa	1/30, kPa	1/100, kPa	Z _a	Z _v	Zonal velocity ratio, v
	2½%, °C	1%, °C	Dry, °C	Wet, °C					Snow S _s , kPa	Rain S _r , kPa	Part 9, 0.6 ⁽¹⁾ , kPa	Part 9, 0.5 ⁽²⁾ , kPa						
Ailsa Craig	-17	-19	30	23	4 000	25	95	950	2.0	0.4	1.60	1.40	0.40	0.50	0.62	0	0	0.00
Ajax	-20	-22	30	23	4 000	23	85	825	0.9	0.4	0.94	0.85	0.43	0.52	0.64	1	1	0.05
Alexandria	-24	-26	30	23	4 600	28	95	995	2.2	0.4	1.72	1.50	0.30	0.37	0.45	4	2	0.10
Alliston	-23	-25	29	23	4 400	28	105	875	1.8	0.4	1.48	1.30	0.22	0.29	0.38	1	0	0.05
Almonte	-26	-28	30	23	4 850	25	80	800	2.3	0.4	1.78	1.55	0.30	0.37	0.46	4	2	0.10
Armstrong	-39	-42	28	21	7 050	23	90	725	2.5	0.4	1.90	1.65	0.21	0.25	0.29	0	0	0.00
Arnprior	-27	-29	30	23	4 800	23	80	775	2.3	0.4	1.78	1.55	0.27	0.34	0.42	4	2	0.10
Atikokan	-34	-37	29	22	6 100	25	95	760	2.2	0.3	1.62	1.40	0.21	0.25	0.29	0	0	0.00
Aurora	-21	-23	30	23	4 300	28	100	800	1.8	0.4	1.48	1.30	0.30	0.39	0.50	1	0	0.05
Bancroft	-27	-29	29	22	4 900	25	85	900	2.8	0.4	2.08	1.80	0.23	0.29	0.36	2	1	0.05
Barrie	-24	-26	29	22	4 600	28	90	900	2.3	0.4	1.78	1.55	0.21	0.29	0.39	1	1	0.05
Barriefield	-22	-24	27	23	4 250	23	105	950	1.9	0.4	1.54	1.35	0.35	0.43	0.52	2	1	0.05
Beaverton	-24	-26	30	22	4 550	28	100	950	2.0	0.4	1.60	1.40	0.24	0.32	0.42	1	1	0.05
Belleville	-22	-24	29	23	4 100	23	95	850	1.6	0.4	1.36	1.20	0.32	0.39	0.48	1	1	0.05
Belmont	-17	-19	30	23	4 050	25	90	950	1.6	0.4	1.36	1.20	0.35	0.45	0.58	0	0	0.00
Big Trout Lake	-38	-40	25	20	7 650	13	85	600	2.9	0.2	1.94	1.65	0.33	0.39	0.46	0	0	0.00
Bordon CFB	-23	-25	29	22	4 550	28	105	875	2.0	0.4	1.60	1.40	0.21	0.29	0.39	1	0	0.05
Bracebridge	-26	-28	29	22	4 850	25	95	1 050	2.8	0.4	2.08	1.80	0.26	0.32	0.39	1	1	0.05
Bradford	-23	-25	30	23	4 400	28	100	800	1.9	0.4	1.54	1.35	0.24	0.32	0.42	1	0	0.05
Brampton	-19	-21	30	23	4 250	28	110	820	1.2	0.4	1.12	1.00	0.32	0.39	0.49	1	0	0.05
Brantford	-17	-19	30	23	3 950	23	95	850	1.2	0.4	1.12	1.00	0.31	0.37	0.44	1	0	0.05
Brighton	-21	-23	29	23	4 200	23	90	850	1.5	0.4	1.30	1.15	0.42	0.50	0.60	1	1	0.05
Brockville	-23	-25	29	23	4 275	25	95	975	2.0	0.4	1.60	1.40	0.32	0.39	0.49	3	1	0.05
Burks Falls	-26	-28	29	21	5 100	25	95	1 010	2.5	0.4	1.90	1.65	0.26	0.32	0.39	1	1	0.05
Burlington	-17	-19	31	23	3 775	23	95	850	0.8	0.4	0.88	0.80	0.36	0.43	0.51	1	0	0.05
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

Notes:

(1) The composite load is 60% of the ground snow load plus the rain load.

(2) The composite load is 50% of the ground snow load plus the rain load.

Table 2.5.1.1. (Cont'd)
Design Data For Selected Locations in Ontario
 Forming part of Sentence 2.5.1.1.(1)

Location	Design Temperature				Degree Days Below 18°C	15 Min., Rain., mm	One Day Rain., mm	Ann. Tot. Pcpn., mm	Snow and Rain Loads				Hourly Wind Pressures			Seismic Data		
	January		July 2½ %						Ground Loads, kPa		Composite Load, kPa		1/10, kPa	1/30, kPa	1/100, kPa	Z _a	Z _v	Zonal velocity ratio v
	2½%, °C	1%, °C	Dry, °C	Wet, °C														
									S _s , kPa	S _r , kPa	Part 9, 0.6 ⁽¹⁾ , kPa	Part 9, 0.5 ⁽²⁾ , kPa						
Cambridge	-18	-20	29	23	4 150	25	105	890	1.5	0.4	1.30	1.15	0.26	0.32	0.39	1	0	0.05
Campbellford	-23	-26	30	23	4 450	25	90	850	1.6	0.4	1.36	1.20	0.29	0.37	0.47	1	1	0.05
Cannington	-24	-26	30	23	4 550	28	100	950	2.0	0.4	1.60	1.40	0.24	0.32	0.42	1	1	0.05
Carleton Place	-25	-27	30	23	4 800	25	80	850	2.3	0.4	1.78	1.55	0.30	0.37	0.46	4	2	0.10
Cavan	-22	-25	30	23	4 500	28	90	850	1.8	0.4	1.48	1.30	0.31	0.39	0.50	1	1	0.05
Centralia	-17	-19	30	23	4 100	25	95	1 000	2.1	0.4	1.66	1.45	0.37	0.48	0.60	0	0	0.00
Chapleau	-35	-38	27	21	6 200	23	90	850	3.7	0.4	2.62	2.25	0.19	0.25	0.31	0	0	0.00
Chatham	-16	-18	31	24	3 750	28	95	850	0.9	0.4	0.94	0.85	0.32	0.39	0.48	0	0	0.00
Chesley	-19	-21	29	22	4 500	28	95	1 125	2.6	0.4	1.96	1.70	0.33	0.43	0.55	1	0	0.05
Clinton	-17	-19	29	23	4 150	23	95	1 000	2.4	0.4	1.84	1.60	0.37	0.48	0.60	0	0	0.00
Coboconk	-25	-27	29	22	4 750	25	100	950	2.3	0.4	1.78	1.55	0.26	0.32	0.39	1	1	0.05
Cobourg	-21	-23	30	23	4 100	23	90	825	1.1	0.4	1.06	0.95	0.46	0.55	0.65	1	1	0.05
Cochrane	-34	-36	29	21	6 400	20	80	875	2.6	0.3	1.86	1.60	0.26	0.32	0.39	1	0	0.05
Colborne	-21	-23	29	23	4 100	23	80	850	1.5	0.4	1.30	1.15	0.44	0.52	0.62	1	1	0.05
Collingwood	-22	-24	29	22	4 300	28	95	950	2.5	0.4	1.90	1.65	0.25	0.34	0.45	1	0	0.05
Cornwall	-23	-25	30	23	4 350	28	95	960	2.0	0.4	1.60	1.40	0.30	0.37	0.46	4	2	0.10
Corunna	-16	-18	31	23	3 800	23	90	800	0.9	0.4	0.94	0.85	0.35	0.43	0.52	0	0	0.00
Deep River	-29	-32	30	22	5 050	23	85	850	2.3	0.4	1.78	1.55	0.26	0.32	0.39	4	2	0.10
Deseronto	-22	-24	28	23	4 200	23	90	900	1.7	0.4	1.42	1.25	0.32	0.39	0.48	1	1	0.05
Dorchester	-18	-20	30	23	4 100	28	95	950	1.7	0.4	1.42	1.25	0.33	0.43	0.55	0	0	0.00
Dorion	-33	-35	28	21	5 950	20	95	725	2.6	0.4	1.96	1.70	0.30	0.36	0.43	0	0	0.00
Dresden	-16	-18	31	24	3 750	28	90	820	0.9	0.4	0.94	0.85	0.32	0.39	0.48	0	0	0.00
Dryden	-34	-36	27	22	6 000	25	90	700	2.2	0.3	1.62	1.40	0.21	0.25	0.29	0	0	0.00
Dunnville	-15	-17	30	24	3 900	23	110	950	1.8	0.4	1.48	1.30	0.33	0.39	0.45	1	0	0.05
Durham	-20	-22	29	22	4 700	28	95	1 025	2.6	0.4	1.96	1.70	0.31	0.39	0.50	1	0	0.05
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

Notes:

(1) The composite load is 60% of the ground snow load plus the rain load.

(2) The composite load is 50% of the ground snow load plus the rain load.

Table 2.5.1.1. (Cont'd)
Design Data For Selected Locations in Ontario
 Forming part of Sentence 2.5.1.1.(1)

Location	Design Temperature				Degree Days Below 18°C	15 Min., Rain., mm	One Day Rain., mm	Ann. Tot. Pcpn., mm	Snow and Rain Loads				Hourly Wind Pressures			Seismic Data		
	January		July 2½ %						Ground Loads, kPa		Composite Load, kPa		1/10, kPa	1/30, kPa	1/100, kPa	Z _a	Z _v	Zonal velocity ratio, v
	2½%, °C	1%, °C	Dry, °C	Wet, °C					Snow S _s , kPa	Rain S _r , kPa	Part 9, 0.6 ⁽¹⁾ , kPa	Part 9, 0.5 ⁽²⁾ , kPa						
Dutton	-16	-18	31	24	3 900	28	85	925	1.2	0.4	1.12	1.00	0.34	0.43	0.53	0	0	0.00
Earlton	-33	-36	30	21	5 900	23	85	820	2.4	0.4	1.84	1.60	0.32	0.40	0.51	1	1	0.05
Edison	-34	-36	28	22	5 950	25	100	680	2.2	0.3	1.62	1.40	0.23	0.28	0.34	0	0	0.00
Elmvale	-24	-26	29	22	4 400	28	90	950	2.4	0.4	1.84	1.60	0.24	0.32	0.42	1	1	0.05
Embro	-18	-20	29	23	4 200	28	110	950	1.8	0.4	1.48	1.30	0.33	0.43	0.54	0	0	0.00
Englehart	-33	-36	30	21	6 000	23	85	880	2.3	0.4	1.78	1.55	0.29	0.37	0.47	1	1	0.05
Espanola	-25	-27	28	21	5 200	23	100	840	2.1	0.4	1.66	1.45	0.28	0.37	0.48	1	0	0.05
Exeter	-17	-19	30	23	4 150	25	105	975	2.2	0.4	1.72	1.50	0.37	0.48	0.60	0	0	0.00
Fenelon Falls	-25	-27	30	23	4 650	25	100	950	2.1	0.4	1.66	1.45	0.25	0.32	0.41	1	1	0.05
Fergus	-20	-22	29	23	4 600	33	100	925	2.0	0.4	1.60	1.40	0.26	0.32	0.40	1	0	0.05
Forest	-16	-18	31	23	3 850	23	95	875	1.8	0.4	1.48	1.30	0.39	0.48	0.58	0	0	0.00
Fort Erie	-15	-17	30	24	3 800	23	105	1 020	2.4	0.4	1.84	1.60	0.36	0.43	0.50	2	0	0.05
Fort Erie (Ridgeway)	-15	-17	30	24	3 750	28	105	1 000	2.3	0.4	1.78	1.55	0.37	0.43	0.50	2	0	0.05
Fort Frances	-33	-35	29	22	5 550	25	100	725	2.1	0.3	1.56	1.35	0.23	0.28	0.34	0	0	0.00
Gananoque	-22	-24	28	23	4 200	23	95	900	1.9	0.4	1.54	1.35	0.35	0.43	0.52	2	1	0.05
Geraldton	-35	-38	28	21	6 800	20	80	725	2.7	0.4	2.02	1.75	0.21	0.25	0.30	0	0	0.00
Glencoe	-16	-18	31	24	3 900	28	95	925	1.4	0.4	1.24	1.10	0.31	0.39	0.49	0	0	0.00
Goderich	-16	-18	29	23	4 000	23	85	950	2.2	0.4	1.72	1.50	0.40	0.50	0.62	0	0	0.00
Gore Bay	-23	-25	29	21	4 900	23	85	860	2.4	0.4	1.84	1.60	0.30	0.36	0.43	0	0	0.00
Graham	-37	-40	29	22	6 400	23	90	750	2.4	0.3	1.74	1.50	0.21	0.25	0.29	0	0	0.00
Gravenhurst	-26	-28	29	22	4 800	25	114	1 020	2.5	0.4	1.90	1.65	0.19	0.25	0.33	1	1	0.05
Gravenhurst (Muskoka Airport)	-26	-28	29	22	4 750	25	95	1 050	2.5	0.4	1.90	1.65	0.26	0.32	0.39	1	1	0.05
Grimsby	-16	-18	30	23	3 650	23	100	875	0.8	0.4	0.88	0.80	0.36	0.43	0.50	1	0	0.05
Guelph	-19	-21	29	23	4 350	28	105	875	1.7	0.4	1.42	1.25	0.25	0.30	0.36	1	0	0.05
Guthrie	-24	-26	29	22	4 550	28	95	950	2.3	0.4	1.78	1.55	0.21	0.29	0.39	1	1	0.05
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

Notes:

- (1) The composite load is 60% of the ground snow load plus the rain load.
 (2) The composite load is 50% of the ground snow load plus the rain load.

Table 2.5.1.1. (Cont'd)
Design Data For Selected Locations in Ontario
 Forming part of Sentence 2.5.1.1.(1)

Location	Design Temperature				Degree Days Below 18°C	15 Min., Rain., mm	One Day Rain., mm	Ann. Tot. Pcpn., mm	Snow and Rain Loads				Hourly Wind Pressures			Seismic Data		
	January		July 2½ %						Ground Loads, kPa		Composite Load, kPa		1/10, kPa	1/30, kPa	1/100, kPa	Z _a	Z _v	Zonal velocity ratio, v
	2½%, °C	1%, °C	Dry, °C	Wet, °C					Snow S _s , kPa	Rain S _r , kPa	Part 9, 0.6 ⁽¹⁾ , kPa	Part 9, 0.5 ⁽²⁾ , kPa						
Haileybury	-32	-35	30	21	5 600	23	85	820	2.2	0.4	1.72	1.50	0.32	0.39	0.49	2	1	0.05
Haldimand (Caledon)	-17	-19	30	23	3 900	23	100	875	1.1	0.4	1.06	0.95	0.31	0.37	0.44	1	0	0.05
Haldimand (Hagersville)	-16	-18	30	23	4 000	25	90	875	1.2	0.4	1.12	1.00	0.33	0.39	0.46	1	0	0.05
Haliburton	-27	-29	29	22	4 950	25	85	980	2.7	0.4	2.02	1.75	0.26	0.32	0.39	1	1	0.05
Halton Hills (Georgetown)	-19	-21	30	23	4 300	28	110	850	1.3	0.4	1.18	1.05	0.27	0.34	0.42	1	0	0.05
Hamilton	-17	-19	31	23	3 600	23	100	875	0.8	0.4	0.88	0.80	0.36	0.43	0.50	1	0	0.05
Hanover	-19	-21	30	22	4 600	28	100	1 050	2.4	0.4	1.84	1.60	0.34	0.43	0.54	1	0	0.05
Hastings	-23	-26	30	23	4 450	28	85	840	1.8	0.4	1.48	1.30	0.29	0.37	0.47	1	1	0.05
Hawkesbury	-25	-27	30	23	4 750	23	95	925	2.1	0.4	1.66	1.45	0.31	0.37	0.45	4	2	0.10
Hearst	-34	-36	28	21	6 500	20	75	825	2.6	0.3	1.86	1.60	0.20	0.25	0.32	0	0	0.00
Honey Harbour	-24	-26	29	22	4 300	23	90	1 050	2.5	0.4	1.90	1.65	0.25	0.34	0.45	1	1	0.05
Hornepayne	-37	-40	28	21	6 500	20	90	750	3.3	0.4	2.38	2.05	0.19	0.25	0.31	0	0	0.00
Huntsville	-26	-29	29	22	4 900	25	95	1 000	2.7	0.4	2.02	1.75	0.26	0.32	0.39	1	1	0.05
Ingersoll	-18	-20	30	23	4 100	28	100	950	1.6	0.4	1.36	1.20	0.33	0.43	0.54	0	0	0.00
Iroquois Falls	-33	-36	29	21	6 300	20	80	825	2.7	0.3	1.92	1.65	0.30	0.37	0.45	1	0	0.05
Jelicoe	-36	-39	28	21	6 600	20	80	750	2.5	0.4	1.90	1.65	0.21	0.25	0.29	0	0	0.00
Kapuskasing	-33	-35	28	21	6 450	20	80	825	2.6	0.3	1.86	1.60	0.23	0.28	0.34	0	0	0.00
Kemptville	-25	-27	30	23	4 650	25	80	925	2.1	0.4	1.66	1.45	0.30	0.37	0.46	4	2	0.10
Kenora	-33	-36	28	22	5 850	25	105	630	2.1	0.3	1.56	1.35	0.23	0.28	0.34	0	0	0.00
Killaloe	-28	-31	30	22	5 100	23	80	825	2.5	0.4	1.90	1.65	0.26	0.32	0.39	3	1	0.05
Kincardine	-17	-19	28	22	4 100	23	85	950	2.4	0.4	1.84	1.60	0.40	0.50	0.62	0	0	0.00
Kingston	-22	-24	27	23	4 300	23	105	950	1.9	0.4	1.54	1.35	0.35	0.43	0.52	2	1	0.05
Kinmout	-26	-28	29	22	4 800	25	100	950	2.5	0.4	1.90	1.65	0.26	0.32	0.39	1	1	0.05
Kirkland Lake	-33	-36	30	21	6 100	20	95	875	2.7	0.3	1.92	1.65	0.29	0.37	0.46	1	1	0.05
Kitchener	-19	-21	29	23	4 250	28	110	925	1.8	0.4	1.48	1.30	0.27	0.34	0.42	1	0	0.05
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

Notes:

(1) The composite load is 60% of the ground snow load plus the rain load.

(2) The composite load is 50% of the ground snow load plus the rain load.

Table 2.5.1.1. (Cont'd)
Design Data For Selected Locations in Ontario
 Forming part of Sentence 2.5.1.1.(1)

Location	Design Temperature				Degree Days Below 18 °C	15 Min., Rain., mm	One Day Rain., mm	Ann. Tot. Pcpn., mm	Snow and Rain Loads				Hourly Wind Pressures			Seismic Data		
	January		July 2½ %						Ground Loads, kPa		Composite Load, kPa		1/10, kPa	1/30, kPa	1/100, kPa	Z _a	Z _v	Zonal velocity ratio, v
	2½%, °C	1%, °C	Dry, °C	Wet, °C														
									Snow S _s , kPa	Rain S _r , kPa	Part 9, 0.6 ⁽¹⁾ , kPa	Part 9, 0.5 ⁽²⁾ , kPa						
Lakefield Lansdowne House Leamington Lindsay Lion's Head	-24 -39 -15 -24 -19	-26 -41 -17 -26 -21	30 28 31 30 27	23 21 24 23 22	4 550 7 150 3 600 4 550 4 300	28 18 28 25 25	85 90 105 95 100	850 680 875 850 950	2.0 2.7 0.7 2.1 2.5	0.4 0.2 0.4 0.4 0.4	1.60 1.82 0.82 1.66 1.90	1.40 1.55 0.75 1.45 1.65	0.27 0.24 0.35 0.26 0.33	0.34 0.29 0.43 0.34 0.43	0.43 0.35 0.52 0.43 0.54	1 0 0 1 1	1 0 0 1 0	0.05 0.00 0.00 0.05 0.05
Listowel London Lucan Maitland Markdale	-19 -18 -17 -23 -20	-21 -20 -19 -25 -22	29 30 30 29 29	23 23 23 23 22	4 500 4 150 4 150 4 200 4 600	30 28 25 25 28	110 95 105 95 95	1 000 975 1 000 975 1 050	2.4 1.7 2.1 2.0 3.1	0.4 0.4 0.4 0.4 0.4	1.84 1.42 1.66 1.60 2.26	1.60 1.25 1.45 1.40 1.95	0.34 0.36 0.39 0.32 0.29	0.43 0.48 0.50 0.39 0.37	0.53 0.61 0.63 0.49 0.47	1 0 0 3 1	0 0 0 1 0	0.05 0.00 0.00 0.05 0.05
Markham Martin Matheson Mattawa Midland	-20 -36 -33 -29 -23	-22 -39 -36 -31 -26	31 29 29 30 29	24 22 21 22 22	4 200 6 200 6 250 5 300 4 300	25 25 20 23 25	80 95 80 80 90	825 750 825 875 1 060	1.2 2.4 2.6 1.9 2.5	0.4 0.3 0.3 0.4 0.4	1.12 1.74 1.86 1.54 1.90	1.00 1.50 1.60 1.35 1.65	0.39 0.21 0.30 0.24 0.25	0.48 0.25 0.37 0.29 0.34	0.59 0.29 0.46 0.35 0.45	1 0 1 3 1	0 0 1 1 1	0.05 0.00 0.05 0.05 0.05
Milton Milverton Minden Mississauga Mississauga (Port Credit)	-18 -19 -26 -18 -18	-20 -21 -29 -20 -20	30 29 29 30 30	23 23 22 23 23	4 100 4 450 4 900 3 950 3 800	25 30 25 25 25	110 100 90 105 100	850 1 050 1 010 800 800	1.2 2.2 2.5 1.0 0.8	0.4 0.4 0.4 0.4 0.4	1.12 1.72 1.90 1.00 0.88	1.00 1.50 1.65 0.90 0.80	0.32 0.31 0.26 0.37 0.37	0.39 0.39 0.32 0.45 0.45	0.48 0.49 0.39 0.55 0.55	1 1 1 1 1	0 0 1 0 0	0.05 0.05 0.05 0.05 0.05
Mitchell Moosonee Morrisburg Mount Forest Nakina	-18 -36 -23 -21 -35	-20 -38 -25 -23 -37	29 28 30 29 28	23 21 23 22 21	4 400 7 100 4 550 4 750 6 900	28 18 25 30 20	105 75 100 95 80	1 050 700 950 940 750	2.2 2.0 2.1 2.5 2.6	0.4 0.3 0.4 0.4 0.4	1.72 1.50 1.66 1.90 1.96	1.50 1.30 1.45 1.65 1.70	0.35 0.26 0.30 0.29 0.21	0.45 0.32 0.37 0.37 0.25	0.57 0.39 0.46 0.47 0.30	0 0 4 1 0	0 0 2 0 0	0.00 0.00 0.10 0.05 0.00
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

Notes:

(1) The composite load is 60% of the ground snow load plus the rain load.

(2) The composite load is 50% of the ground snow load plus the rain load.

Table 2.5.1.1. (Cont'd)
Design Data For Selected Locations in Ontario
 Forming part of Sentence 2.5.1.1.(1)

Location	Design Temperature				Degree Days Below 18°C	15 Min., Rain., mm	One Day Rain., mm	Ann. Tot. Pcpn., mm	Snow and Rain Loads				Hourly Wind Pressures			Seismic Data		
	January		July 2½ %						Ground Loads, kPa		Composite Load, kPa		1/10, kPa	1/30, kPa	1/100, kPa	Z _a	Z _v	Zonal velocity ratio, v
	2½%, °C	1%, °C	Dry, °C	Wet, °C					Snow S _s , kPa	Rain S _r , kPa	Part 9, 0.6 ⁽¹⁾ , kPa	Part 9, 0.5 ⁽²⁾ , kPa						
Nanticoke (Jarvis)	-16	-18	30	23	4 000	28	100	900	1.3	0.4	1.18	1.05	0.33	0.39	0.47	1	0	0.05
Nanticoke (Port Dover)	-15	-17	30	24	3 900	25	100	950	1.1	0.4	1.06	0.95	0.36	0.43	0.51	1	0	0.05
Napanee	-22	-24	28	23	4 250	23	85	900	1.7	0.4	1.42	1.25	0.32	0.39	0.48	2	1	0.05
Newcastle	-20	-22	30	23	4 200	23	80	830	1.4	0.4	1.24	1.10	0.46	0.55	0.65	1	1	0.05
Newcastle (Bowmanville)	-20	-22	30	23	4 200	23	80	830	1.3	0.4	1.18	1.05	0.46	0.55	0.66	1	1	0.05
New Liskeard	-32	-35	30	21	5 700	23	85	810	2.1	0.4	1.66	1.45	0.31	0.39	0.49	2	1	0.05
Newmarket	-22	-24	30	23	4 400	28	100	800	1.8	0.4	1.48	1.30	0.26	0.34	0.44	1	1	0.05
Niagara Falls	-16	-18	30	23	3 700	23	95	950	1.8	0.4	1.48	1.30	0.33	0.39	0.47	2	0	0.05
North Bay	-28	-30	28	21	5 300	28	90	975	2.0	0.4	1.60	1.40	0.26	0.31	0.37	2	1	0.05
Norwood	-24	-26	30	23	4 500	28	85	850	1.9	0.4	1.54	1.35	0.29	0.37	0.47	1	1	0.05
Oakville	-18	-20	30	23	3 800	23	90	850	0.8	0.4	0.88	0.80	0.37	0.45	0.54	1	0	0.05
Orangeville	-21	-23	29	23	4 600	30	100	875	2.1	0.4	1.66	1.45	0.25	0.32	0.41	1	0	0.05
Orillia	-25	-27	29	22	4 600	25	95	1 000	2.2	0.4	1.72	1.50	0.26	0.32	0.39	1	1	0.05
Oshawa	-19	-21	30	23	4 000	23	80	875	1.3	0.4	1.18	1.05	0.43	0.52	0.64	1	1	0.05
Ottawa	-25	-27	30	23	4 600	23	80	900	2.2	0.4	1.72	1.50	0.30	0.37	0.46	4	2	0.10
Owen Sound	-19	-21	29	22	4 250	28	110	1 075	2.6	0.4	1.96	1.70	0.33	0.43	0.55	1	0	0.05
Pagwa River	-34	-36	28	21	6 600	20	90	825	2.2	0.4	1.72	1.50	0.19	0.25	0.31	0	0	0.00
Paris	-17	-19	30	23	4 100	23	85	925	1.3	0.4	1.18	1.05	0.31	0.37	0.45	1	0	0.05
Parkhill	-16	-18	31	23	4 000	23	95	925	1.9	0.4	1.54	1.35	0.40	0.50	0.61	0	0	0.00
Parry Sound	-24	-26	28	21	4 700	23	95	1 050	2.6	0.4	1.96	1.70	0.24	0.34	0.46	1	1	0.05
Pelham(Fonthill)	-15	-17	30	23	3 800	23	95	950	2.1	0.4	1.66	1.45	0.33	0.39	0.46	1	0	0.05
Pembroke	-28	-31	30	22	5 000	23	100	825	2.3	0.4	1.78	1.55	0.26	0.32	0.39	4	2	0.10
Penetanguishene	-23	-26	29	22	4 300	25	90	1 050	2.6	0.4	1.96	1.70	0.25	0.34	0.45	1	1	0.05
Perth	-25	-27	30	23	4 650	25	85	900	2.1	0.4	1.66	1.45	0.29	0.37	0.46	3	1	0.05
Petawawa	-29	-31	30	22	5 150	23	85	825	2.4	0.4	1.84	1.60	0.26	0.32	0.39	4	2	0.10
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

Notes:

(1) The composite load is 60% of the ground snow load plus the rain load.

(2) The composite load is 50% of the ground snow load plus the rain load.

Table 2.5.1.1. (Cont'd)
Design Data For Selected Locations in Ontario
 Forming part of Sentence 2.5.1.1.(1)

Location	Design Temperature				Degree Days Below 18°C	15 Min., Rain., mm	One Day Rain., mm	Ann. Tot. Pcpn., mm	Snow and Rain Loads				Hourly Wind Pressures			Seismic Data		
	January		July 2½ %						Ground Loads, kPa		Composite Load, kPa		1/10, kPa	1/30, kPa	1/100, kPa	Z _a	Z _v	Zonal velocity ratio, v
	2½%, °C	1%, °C	Dry, °C	Wet, °C					Snow S _s , kPa	Rain S _r , kPa	Part 9, 0.6 ⁽¹⁾ , kPa	Part 9, 0.5 ⁽²⁾ , kPa						
Peterborough	-23	-25	30	23	4 400	28	85	840	1.8	0.4	1.48	1.30	0.29	0.37	0.47	1	1	0.05
Petrolia	-16	-18	31	24	3 850	25	100	920	1.2	0.4	1.12	1.00	0.35	0.43	0.52	0	0	0.00
Pickering (Dunbarton)	-19	-21	30	23	4 000	23	85	825	0.9	0.4	0.94	0.85	0.43	0.52	0.64	1	1	0.05
Pictou	-21	-23	29	23	4 050	23	85	940	1.8	0.4	1.48	1.30	0.37	0.45	0.54	1	1	0.05
Plattsville	-18	-20	29	23	4 200	28	95	950	1.7	0.4	1.42	1.25	0.30	0.37	0.46	1	0	0.05
Point Alexander ...	-29	-32	30	22	5 050	23	85	850	2.3	0.4	1.78	1.55	0.26	0.32	0.39	4	2	0.10
Port Burwell	-15	-17	30	24	4 000	25	85	1 000	1.1	0.4	1.06	0.95	0.34	0.43	0.53	0	0	0.00
Port Colborne	-15	-17	30	24	3 750	23	105	1 000	2.1	0.4	1.66	1.45	0.37	0.43	0.50	1	0	0.05
Port Elgin	-17	-19	28	22	4 250	23	85	850	2.6	0.4	1.96	1.70	0.40	0.50	0.62	1	0	0.05
Port Hope	-21	-23	30	23	4 050	23	90	825	1.1	0.4	1.06	0.95	0.46	0.55	0.65	1	1	0.05
Port Perry	-22	-24	30	23	4 350	25	90	850	2.2	0.4	1.72	1.50	0.31	0.39	0.50	1	1	0.05
Port Stanley	-15	-17	31	24	4 000	25	85	975	1.1	0.4	1.06	0.95	0.34	0.43	0.53	0	0	0.00
Prescott	-23	-25	29	23	4 250	25	95	975	2.0	0.4	1.60	1.40	0.32	0.39	0.49	3	2	0.10
Princeton	-17	-19	29	23	4 100	25	90	925	1.4	0.4	1.24	1.10	0.30	0.37	0.46	1	0	0.05
Raith	-35	-37	28	22	6 150	20	90	750	2.5	0.4	1.90	1.65	0.21	0.25	0.29	0	0	0.00
Rayside-Balfour (Chelmsford)	-28	-30	29	21	5 400	25	85	850	2.3	0.4	1.78	1.55	0.29	0.39	0.53	1	0	0.05
Red Lake	-34	-36	28	22	6 350	18	80	630	2.2	0.3	1.62	1.40	0.22	0.26	0.31	0	0	0.00
Renfrew	-27	-30	30	23	4 900	23	95	810	2.3	0.4	1.78	1.55	0.26	0.32	0.39	4	2	0.10
Richmond Hill	-20	-22	31	24	4 200	25	90	850	1.4	0.4	1.24	1.10	0.39	0.48	0.59	1	0	0.05
Rockland	-26	-28	30	23	4 800	23	85	950	2.2	0.4	1.72	1.50	0.30	0.37	0.45	4	2	0.10
Sarnia	-16	-18	31	23	3 950	23	95	825	1.0	0.4	1.00	0.90	0.35	0.43	0.52	0	0	0.00
Sault Ste.Marie ...	-25	-28	29	21	5 100	25	95	950	2.8	0.4	2.08	1.80	0.32	0.37	0.43	0	0	0.00
Schreiber	-35	-38	27	21	6 200	20	100	850	3.0	0.4	2.20	1.90	0.30	0.36	0.43	0	0	0.00
Seaforth	-17	-19	30	23	4 300	25	100	1 025	2.3	0.4	1.78	1.55	0.37	0.48	0.60	0	0	0.00
Simcoe	-17	-19	30	23	4 000	28	110	950	1.2	0.4	1.12	1.00	0.33	0.39	0.47	1	0	0.05
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

Notes:

(1) The composite load is 60% of the ground snow load plus the rain load.

(2) The composite load is 50% of the ground snow load plus the rain load.

Table 2.5.1.1. (Cont'd)
Design Data For Selected Locations in Ontario
 Forming part of Sentence 2.5.1.1.(1)

Location	Design Temperature				Degree Days Below 18°C	15 Min., Rain., mm	One Day Rain., mm	Ann. Tot. Pcpn., mm	Snow and Rain Loads				Hourly Wind Pressures			Seismic Data		
	January		July 2½ %						Ground Loads, kPa		Composite Load, kPa		1/10, kPa	1/30, kPa	1/100, kPa	Z _a	Z _v	Zonal velocity ratio, v
	2½%, °C	1%, °C	Dry, °C	Wet, °C					Snow S _s , kPa	Rain S _r , kPa	Part 9, 0.6 ⁽¹⁾ , kPa	Part 9, 0.5 ⁽²⁾ , kPa						
Sioux Lookout	-34	-36	28	22	6 200	28	90	710	2.2	0.3	1.62	1.40	0.21	0.25	0.29	0	0	0.00
Smith Falls	-25	-27	30	23	4 600	28	85	850	2.1	0.4	1.66	1.45	0.29	0.37	0.46	3	2	0.10
Smithville	-16	-18	30	23	3 800	23	110	900	1.4	0.4	1.24	1.10	0.33	0.39	0.46	1	0	0.05
Smooth Rock Falls .	-34	-36	29	21	6 400	20	85	850	2.5	0.3	1.80	1.55	0.24	0.29	0.36	1	0	0.05
Southampton	-17	-19	28	22	4 250	23	85	830	2.5	0.4	1.90	1.65	0.38	0.48	0.59	1	0	0.05
South River	-27	-29	28	21	5 200	28	90	975	2.6	0.4	1.96	1.70	0.23	0.29	0.36	1	1	0.05
St. Catharines	-16	-18	30	23	3 675	23	85	850	0.9	0.4	0.94	0.85	0.36	0.43	0.50	1	0	0.05
St. Marys	-18	-20	30	23	4 250	28	100	1 025	2.0	0.4	1.60	1.40	0.35	0.45	0.58	0	0	0.00
St. Thomas	-16	-18	31	23	4 000	25	100	975	1.3	0.4	1.18	1.05	0.33	0.43	0.54	0	0	0.00
Stirling	-23	-25	30	23	4 450	25	90	850	1.6	0.4	1.36	1.20	0.28	0.36	0.46	1	1	0.05
Stratford	-18	-20	29	23	4 350	28	115	1 050	2.1	0.4	1.66	1.45	0.33	0.43	0.54	0	0	0.00
Strathroy	-17	-19	31	23	3 950	25	95	950	1.7	0.4	1.42	1.25	0.36	0.45	0.57	0	0	0.00
Sturgeon Falls	-27	-29	29	21	5 250	28	90	910	2.0	0.4	1.60	1.40	0.25	0.32	0.40	1	1	0.05
Sudbury	-28	-30	29	21	5 400	25	90	875	2.3	0.4	1.78	1.55	0.29	0.40	0.55	1	1	0.05
Sundridge	-27	-29	28	21	5 200	28	90	975	2.6	0.4	1.96	1.70	0.23	0.29	0.37	2	1	0.05
Tavistock	-18	-20	29	23	4 350	28	115	1 010	1.9	0.4	1.54	1.35	0.34	0.43	0.53	1	0	0.05
Temagami	-30	-33	30	21	5 400	25	85	875	2.4	0.4	1.84	1.60	0.27	0.34	0.42	2	1	0.05
Thamesford	-18	-20	30	23	4 200	28	100	975	1.7	0.4	1.42	1.25	0.33	0.43	0.55	0	0	0.00
Thedford	-16	-18	31	23	3 900	23	95	900	1.9	0.4	1.54	1.35	0.41	0.50	0.61	0	0	0.00
Thunder Bay	-31	-33	28	21	5 650	20	100	710	2.7	0.4	2.02	1.75	0.30	0.36	0.43	0	0	0.00
Tillsonburg	-17	-19	30	23	4 000	25	95	980	1.2	0.4	1.12	1.00	0.31	0.39	0.50	0	0	0.00
Timmins	-34	-36	30	21	6 200	18	95	875	2.8	0.3	1.98	1.70	0.25	0.32	0.40	1	0	0.05
Timmins (Porcupine)	-34	-36	30	21	6 200	18	90	875	2.7	0.3	1.92	1.65	0.27	0.34	0.42	1	0	0.05
Timmins (South Porcupine)	-34	-36	30	21	6 200	18	76	820	2.7	0.3	1.92	1.65	0.27	0.34	0.42	1	0	0.05
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

Notes:

(1) The composite load is 60% of the ground snow load plus the rain load.

(2) The composite load is 50% of the ground snow load plus the rain load.

Table 2.5.1.1. (Cont'd)
Design Data For Selected Locations in Ontario
 Forming part of Sentence 2.5.1.1.(1)

Location	Design Temperature				Degree Days Below 18°C	15 Min., Rain., mm	One Day Rain., mm	Ann. Tot. Pcpn., mm	Snow and Rain Loads				Hourly Wind Pressures			Seismic Data		
	January		July 2½ %						Ground Loads, kPa		Composite Load, kPa		1/10, kPa	1/30, kPa	1/100, kPa	Z _a	Z _v	Zonal velocity ratio, v
	2½%, °C	1%, °C	Dry, °C	Wet, °C					Snow S _s , kPa	Rain S _r , kPa	Part 9, 0.6 ⁽¹⁾ , kPa	Part 9, 0.5 ⁽²⁾ , kPa						
Toronto/Metropolitan Etobicoke	-20	-22	31	24	4 050	26	95	800	1.0	0.4	1.00	0.90	0.39	0.48	0.59	1	0	0.05
North York	-20	-22	31	24	4 000	25	95	850	1.1	0.4	1.06	0.95	0.39	0.48	0.59	1	0	0.05
Scarborough	-20	-22	31	24	4 000	25	85	825	1.1	0.4	1.06	0.95	0.39	0.48	0.59	1	0	0.05
Toronto	-18	-20	31	23	3 650	25	90	820	0.8	0.4	0.88	0.80	0.39	0.48	0.58	1	0	0.05
Trenton	-21	-23	29	23	4 250	23	95	850	1.5	0.4	1.30	1.15	0.35	0.43	0.52	1	1	0.05
Trout Creek	-27	-29	28	21	5 300	28	95	975	2.5	0.4	1.90	1.65	0.24	0.29	0.36	2	1	0.05
Uxbridge	-22	-24	30	23	4 400	25	95	850	2.2	0.4	1.72	1.50	0.29	0.37	0.48	1	1	0.05
Vaughan (Woodbridge)	-20	-22	31	24	4 250	26	105	800	1.0	0.4	1.00	0.90	0.39	0.48	0.59	1	0	0.05
Vittoria	-15	-17	30	24	3 925	25	115	950	1.2	0.4	1.12	1.00	0.35	0.43	0.52	1	0	0.05
Walkerton	-18	-20	30	22	4 500	28	105	1 025	2.5	0.4	1.90	1.65	0.35	0.45	0.57	1	0	0.05
Wallaceburg	-16	-18	31	24	3 700	28	90	825	0.8	0.4	0.88	0.80	0.32	0.39	0.48	0	0	0.00
Waterloo	-19	-21	29	23	4 300	28	110	925	1.8	0.4	1.48	1.30	0.27	0.34	0.42	1	0	0.05
Watford	-16	-18	31	24	3 900	25	100	950	1.7	0.4	1.42	1.25	0.34	0.43	0.53	0	0	0.00
Wawa	-35	-38	26	21	5 800	20	95	950	3.8	0.4	2.68	2.30	0.30	0.36	0.43	0	0	0.00
Welland	-15	-17	30	23	3 800	23	95	975	2.0	0.4	1.60	1.40	0.33	0.39	0.47	1	0	0.05
West Lorne	-16	-18	31	24	3 850	28	95	900	1.2	0.4	1.12	1.00	0.34	0.43	0.53	0	0	0.00
Whitby	-20	-22	30	23	4 000	23	80	850	1.1	0.4	1.06	0.95	0.43	0.52	0.64	1	1	0.05
Whitby (Brooklin)	-20	-22	30	23	4 200	23	80	850	1.7	0.4	1.42	1.25	0.38	0.48	0.59	1	1	0.05
White River	-39	-42	28	21	6 400	20	85	825	4.1	0.4	2.86	2.45	0.21	0.25	0.30	0	0	0.00
Warton	-18	-20	28	22	4 500	25	105	1 000	2.5	0.4	1.90	1.65	0.33	0.43	0.55	1	0	0.05
Windsor	-16	-18	31	24	3 600	28	95	900	0.7	0.4	0.82	0.75	0.36	0.43	0.52	0	0	0.00
Wingham	-18	-20	30	23	4 350	28	100	1 050	2.4	0.4	1.84	1.60	0.35	0.45	0.57	0	0	0.00
Woodstock	-18	-20	29	23	4 100	28	105	930	1.7	0.4	1.42	1.25	0.31	0.39	0.50	1	0	0.05
Wyoming	-16	-18	31	24	3 850	25	95	900	1.5	0.4	1.30	1.15	0.35	0.43	0.52	0	0	0.00
Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

Notes:

(1) The composite load is 60% of the ground snow load plus the rain load.

(2) The composite load is 50% of the ground snow load plus the rain load.

Section 2.6. Referenced Documents

2.6.1. Application

2.6.1.1. Limitation

(1) The provisions of referenced documents in this Code apply only to the extent that they relate to *buildings* or to structures designated in Subsection 2.1.2.

2.6.2. Conflicting Requirements

2.6.2.1. Governing Documents

(1) In the case of conflict between the provisions of this Code and those of a referenced document, the provisions of this Code shall govern.

2.6.3. Effective Date

2.6.3.1. Edition of Standard

(1) Unless otherwise specified herein, the documents referenced in this Code shall include all amendments, revisions and supplements effective to September 1, 1997.

2.6.3.2. Designated Editions

(1) Where documents are referenced in this Code, they shall be in the editions designated in Column 2 of Table 2.6.3.2.

Table 2.6.3.2.
Documents Referenced in the Ontario Building Code
Forming Part of Sentence 2.6.3.2.(1)

Issuing Agency	Document Number	Title of Document	Code Reference
American Public Health Association, American Waterworks Association, Water Environment Federation	18th edition	Standard Methods for the Examination of Water and Waste Water	8.9.2.4.(1)(b)
Column 1	2	3	4

Table 2.6.3.2. (Cont'd)
Documents Referenced in the Ontario Building Code
 Forming Part of Sentence 2.6.3.2.(1)

	Issuing Agency	Document Number	Title of Document	Code Reference
★	ANSI/ASME	A112.19.8M-1987	Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Whirlpool Bathtub Appliances	3.11A.4.1.(9)
	ANSI/ASME	B16.3-1992	Malleable Iron Threaded Fittings (Classes 150 and 300)	7.2.6.6.(1)
	ANSI/ASME	B16.4-1992	Cast Iron Threaded Fittings (Classes 125 and 250)	7.2.6.5.(1) Table 7.2.11.2.
	ANSI/ASME	B16.12-1991	Cast Iron Threaded Drainage Fittings	7.2.6.3.(1)
	ANSI/ASME	B16.15-1985	Cast Bronze Threaded Fittings (Classes 125 and 250)	7.2.7.3.(1)
	ANSI	B16.18-1984	Cast Copper Alloy Solder Joint Pressure Fittings	7.2.7.6.(1) 7.2.7.6.(2) Table 7.2.11.2.
♠	ANSI/ASME	B16.22-1995	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings	7.2.7.6.(1)
♠	ANSI/ASME	B16.24-1991	Cast Copper Alloy Pipe Flanges and Flanged Fittings	7.2.7.2.(1)
	ANSI/ASME	B16.26-1988	Cast Copper Alloy Fittings for Flared Copper Tubes	7.2.7.7.(1) 7.2.7.7.(2) Table 7.2.11.2.
♠	ANSI/ASME	B16.29-1994	Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings - DWV	7.2.7.5.(1)
	ANSI	B18.6.1-1981	Slotted and Recessed Wood Screws (Inch Series)	9.23.3.1.(2)
	ANSI	Z21.22-1986	Relief Valves and Automatic Shut-off Devices for Hot Water Supply Systems	7.2.10.11.(1)
♠	ANSI/ASHRAE	62-2001	Ventilation for Acceptable Indoor Air Quality	6.2.2.1.(2)
♠	ANSI/AWWA	C104/A21.4-95	Cement-Mortar Lining for Ductile-Iron Pipe Fittings for Water	7.2.6.4.(2); Table 7.2.11.2.
♠	ANSI/AWWA	C110/A21.10-98	Ductile-Iron and Gray-Iron Fittings, 3 in. Through 48 in., for Water and Other Liquids	7.2.6.4.(3) Table 7.2.11.2.
♠	ANSI/AWWA	C111/A21.11-00	Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings	7.2.6.4.(4) Table 7.2.11.2.
♠	ANSI/AWWA	C151/A21.51-96	Ductile-Iron Pipe, Centrifugally Cast, for Water	7.2.6.4.(1) Table 7.2.11.2.
♠	ASTM	A53/A53M-99b	Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless	7.2.6.7.(4)
♠	ASTM	A123/A123M-00	Zinc (Hot Dip Galvanized) Coatings on Iron and Steel Products	Table 9.20.16.1.
♠	ASTM	A153/A153M-00	Zinc Coating (Hot-Dip) on Iron and Steel Hardware	Table 9.20.16.1.
♠	ASTM	A252-98	Welded and Seamless Steel Pipe Piles	4.2.3.8.(1)
♠	ASTM	A283/A283M-00	Low and Intermediate Tensile Strength Carbon Steel Plates	4.2.3.8.(1)
♠	ASTM	A518/A518M-99	Corrosion-Resistant High-Silicon Iron Castings	7.2.8.1.(1)
	Column 1	2	3	4

Note to Table 2.6.3.2:

(1) Some content has been editorially modified and may differ from the Ontario Gazette version.

Table 2.6.3.2. (Cont'd)
Documents Referenced in the Ontario Building Code
 Forming Part of Sentence 2.6.3.2.(1)

	Issuing Agency	Document Number	Title of Document	Code Reference
□	ASTM	A570/A570M-96	Steel, Sheet and Strip, Carbon, Hot-Rolled, Structural Quality	4.2.3.8.(1)
□	ASTM	A611-97	Structural Steel, Sheet, Carbon, Cold-Rolled	4.2.3.8.(1)
♠	ASTM	A653/A653M-00	Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process	9.3.3.2.(1)
♠	ASTM	A924/A924M-99	Steel Sheet, Metallic-Coated by the Hot-Dip Process	9.3.3.2.(1)
♠	ASTM	B32-00	Solder Metal	7.2.9.2.(2)
♠	ASTM	B42-98	Seamless Copper Pipe, Standard Sizes	7.2.7.1.(1)
♠	ASTM	B43-98	Seamless Red Brass Pipe, Standard Sizes	7.2.7.1.(2)
	ASTM	B68-92	Seamless Copper Tube, Bright, Annealed	7.2.7.4.(3)
♠	ASTM	B88-99	Seamless Copper Water Tube	7.2.7.4.(1) Table 7.2.11.2.
♠	ASTM	B306-99	Copper Drainage Tube (DWV)	7.2.7.4.(1)
♠	ASTM	C4-00	Clay Drain Tile and Perforated Clay Drain Tile	9.14.3.1.(1)
	ASTM	C5-79 (1992)	Quicklime for Structural Purposes	9.20.3.1.(1)
♠	ASTM	C27-98	Classification for Fire Clay and High-Alumina Refractory Brick	9.21.3.4.(1)
♠	ASTM	C36/C36M-99e1	Gypsum Wallboard	3.1.5.11.(4) 9.29.5.2.(1)
♠	ASTM	C37/C37M-99	Gypsum Lath	9.29.5.2.(1)
♠	ASTM	C126-99	Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units	9.20.2.1.(1)
	ASTM	C207-91 (1992)	Hydrated Lime for Masonry Purposes	9.20.3.1.(1)
□	ASTM	C212-96	Structural Clay Facing Tile	9.20.2.1.(1)
□	ASTM	C411-97	Hot-Surface Performance of High-Temperature Thermal Insulation	6.2.3.4.(3) 6.2.9.2.(2)
♠	ASTM	C412M-99	Concrete Drain Tile	9.14.3.1.(1)
♠	ASTM	C442/C442M-99	Gypsum Backing Board, and Gypsum Coreboard, and Gypsum Shaftliner Board	3.1.5.11.(4) 9.29.5.2.(1)
□	ASTM	C444M-95	Perforated Concrete Pipe (Metric)	9.14.3.1.(1)
♠	ASTM	C588/C588M-99	Gypsum Base for Veneer Plasters	3.1.5.11.(4) 9.29.5.2.(1)
♠	ASTM	C630/C630M-00	Water-Resistant Gypsum Backing Board	3.1.5.11.(4) 9.29.5.2.(1)
♠	ASTM	C700-00	Vitrified Clay Pipe, Extra Strength, Standard Strength and Perforated	9.14.3.1.(1)
	Column 1	2	3	4

Table 2.6.3.2. (Cont'd)
Documents Referenced in the Ontario Building Code
 Forming Part of Sentence 2.6.3.2.(1)

	Issuing Agency	Document Number	Title of Document	Code Reference
♠	ASTM	C931/C931M-98	Exterior Gypsum Soffit Board	3.1.5.11.(4) 9.29.5.2.(1)
□	ASTM	C960-97	Preddecorated Gypsum Board	3.1.5.11.(4) 9.29.5.2.(1)
□	ASTM	C1002-96a	Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases	9.24.1.4. 9.29.5.7.
♠	ASTM	C1053-00	Borosilicate Glass Pipe and Fittings for Drain, Waste and Vent (DWV) Applications	7.2.8.1.(1)
	ASTM	D374-94	Thickness of Solid Electrical Insulation	3.14.4.1.(1)(c)
	ASTM	D568-77	Rate of Burning and/or Extent and Time of Burning of Flexible Plastics in a Vertical Position	3.14.4.1.(1)(b)
	ASTM	D635-91	Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position	3.14.4.1.(1)(a)
□	ASTM	D2178-97a	Asphalt Glass Felt Used in Roofing and Waterproofing	5.6.1.2.(1)
	ASTM	D2898-94	Test Method for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing	3.1.5.5.(4) 3.1.5.5.(5)
♠	ASTM	D3261-97	Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing	7.2.5.5.(3)
□	ASTM	E90-97	Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements	3.3.4.6.(1) 9.11.1.1.(1)
♠	ASTM	E96-95	Water Vapour Transmission of Materials	5.5.1.2.(4)
□	ASTM	E283-91	Standard Test Method for Determining the Rate of Air Leakage through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differentiation Across the Specimen	9.6.5.4.(1) 9.6.5.5.(1) 9.7.1.7.(1) 9.38.6.1.(1)
□	ASTM	E336-97	Measurement of Airborne Sound Insulation in Buildings	3.3.4.6.(1) 9.11.1.1.(1)
□	ASTM	E413-87(1994)	Classification for Rating Sound Insulation	3.3.4.6.(1) 9.11.1.1.(1)
□	ASTM	F476-84(1996)	Standard Test Methods For Security of Swinging Door Assemblies	9.6.8.10.(1)
♠	AWPA	M4-01	Care of Preservative-Treated Wood Products	4.2.3.2.(2)
♠	BNQ	NQ3624-115-2000	Polyethylene (PE) Pipe and Fittings-Flexible Corrugated Pipes for Drainage-Characteristics and Test Methods	9.14.3.1.(1)
	CGA	CAN1-4.4-M80	Temperature, Pressure, Temperature and Pressure Relief Valves and Vacuum Relief Valves	7.2.10.11.(1)
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Table 2.6.3.2. (Cont'd)
Documents Referenced in the Ontario Building Code
 Forming Part of Sentence 2.6.3.2.(1)

Issuing Agency	Document Number	Title of Document	Code Reference
CGSB	CAN/CGSB-1.501-M89	Method of Permeance of Coated Wallboard	5.5.1.2.(3) 9.25.4.2.(5)
CGSB	CAN/CGSB-7.1-86	Cold Formed Steel Framing Components	9.24.1.2.(1)
CGSB	CAN/CGSB-7.2-94	Adjustable Steel Columns	9.17.3.4.(1)
CGSB	CAN/CGSB-10.3-92	Air Setting Refractory Mortar	9.21.3.4.(2) 9.21.3.9.(1) 9.22.2.2.(2)
CGSB	CAN/CGSB-11.3-M87	Hardboard	5.6.1.2.(3) 9.27.10.1.(2) 9.29.7.1.(1) 9.30.2.2.(1)
CGSB	CAN/CGSB-11.5-M87	Hardboard, Precoated, Factory Finished, for Exterior Cladding	5.6.1.2.(3) 9.27.10.1.(1)
CGSB	CAN/CGSB-12.1-M90	Tempered or Laminated Safety Glass	3.3.1.18.(2) 3.4.6.14.(1) 3.4.6.14.(3) 9.6.6.2.(2) 9.7.3.1.(1) 9.8.8.7.(1)
CGSB	CAN/CGSB-12.2-M91	Flat, Clear Sheet Glass	9.7.3.1.(1)
CGSB	CAN/CGSB-12.3-M91	Flat, Clear Float Glass	9.7.3.1.(1)
CGSB	CAN/CGSB-12.4-M91	Heat Absorbing Glass	9.7.3.1.(1)
CGSB	CAN/CGSB-12.5-M86	Mirrors, Silvered	9.6.6.3.(2)
♠ CGSB	CAN/CGSB-12.8-M97	Insulating Glass Units	5.3.1.2.(2) 9.7.3.1.(1)
CGSB	CAN/CGSB-12.10-M76	Glass, Light and Heat Reflecting	9.7.3.1.(1)
CGSB	CAN/CGSB-12.11-M90	Wired Safety Glass	3.3.1.18.(2) 3.4.6.14.(3) 9.6.6.2.(2) 9.7.3.1.(1) 9.8.8.7.(1)
CGSB	CAN/CGSB-12.20-M89	Structural Design of Glass for Buildings	4.3.6.1.(1) 9.7.3.2.(1)
□ CGSB	19-GP-5M-1984	Sealing Compound, One Component, Acrylic Base, Solvent Curing	9.27.4.2.(2)
CGSB	CAN/CGSB-19.13-M87	Sealing Compound, One Component, Elastomeric, Chemical Curing	9.27.4.2.(2)
CGSB	19-GP-14M-1976	Sealing Compound, One Component, Butyl-Polyisobutylene Polymer Base, Solvent Curing	9.27.4.2.(2)
CGSB	CAN/CGSB-19.22-M89	Mildew Resistant Sealing Compound for Tubs and Tile	9.29.10.5.(1)
CGSB	CAN/CGSB-19.24-M90	Multi-Component, Chemical Curing Sealing Compound	9.27.4.2.(2)
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Table 2.6.3.2. (Cont'd)
Documents Referenced in the Ontario Building Code
 Forming Part of Sentence 2.6.3.2.(1)

Issuing Agency	Document Number	Title of Document	Code Reference
CGSB	CAN/CGSB-34.4-M89	Siding, Asbestos-Cement, Shingles and Clapboards	5.6.1.2.(3); 9.27.8.1.(1)
CGSB	CAN/CGSB-34.5-M89	Sheets, Asbestos-Cement, Corrugated	5.6.1.2.(3); 9.27.8.1.(1)
CGSB	CAN/CGSB-34.9-M94	Asbestos-Cement Sewer Pipe	7.2.5.1.(2)
CGSB	CAN/CGSB-34.14-M89	Sheets, Asbestos-Cement, Decorative	5.6.1.2.(3); 9.27.8.1.(1)
CGSB	CAN/CGSB-34.16-M89	Sheets, Asbestos-Cement, Flat, Fully Compressed	5.6.1.2.(3); 9.27.8.1.(1)
CGSB	CAN/CGSB-34.17-M89	Sheets, Asbestos-Cement, Flat, Semicompressed	5.6.1.2.(3); 9.27.8.1.(1)
CGSB	CAN/CGSB-34.21-M89	Panels, Sandwich, Asbestos-Cement with Insulating Cores	5.6.1.2.(3); 9.27.8.1.(1)
CGSB	CAN/CGSB-34.22-94	Asbestos-Cement Drain Pipe	7.2.5.1.(1); 9.14.3.1.(1)
CGSB	CAN/CGSB-34.23-94	Asbestos-Cement House Connection Sewer Pipe	7.2.5.1.(2)
CGSB	CAN/CGSB-37.1-M89	Chemical Emulsified Type, Emulsified Asphalts for Dampproofing	9.13.2.1.(1)
CGSB	CAN/CGSB-37.2-M88	Emulsified Asphalt, Mineral Colloid Type, Unfilled, for Dampproofing and Waterproofing and for Roof Coatings	5.8.2.2.(6); 9.13.2.1.(1)
CGSB	CAN/CGSB-37.3-M89	Application of Emulsified Asphalts for Dampproofing or Waterproofing	5.8.2.3.(1); 9.13.1.4.(1)
CGSB	CAN/CGSB-37.4-M89	Fibrated, Cutback Asphalt, Lap Cement for Asphalt Roofing	5.6.1.2.(1); 9.26.2.1.(1)
CGSB	CAN/CGSB-37.5-M89	Cutback Asphalt Plastic Cement	5.6.1.2.(1); 9.26.2.1.(1)
CGSB	37-GP-6Ma-1983	Asphalt, Cutback, Unfilled, for Dampproofing	5.8.2.2.(7); 5.8.2.2.(8) 9.13.2.1.(1)
CGSB	CAN/CGSB-37.8-M88	Asphalt, Cutback, Filled, for Roof Coating	5.6.1.2.(1); 9.26.2.1.(1)
CGSB	37-GP-9Ma-1983	Primer, Asphalt, Unfilled, for Asphalt Roofing, Dampproofing and Waterproofing	5.6.1.2.(1); 5.8.2.2.(6) 9.26.2.1.(1)
CGSB	37-GP-12Ma-1984	Application of Unfilled Cutback Asphalt for Dampproofing	5.8.2.3.(2); 9.13.1.4.(1)
CGSB	CAN/CGSB-37.16-M89	Filled, Cutback Asphalt for Dampproofing and Waterproofing	5.8.2.2.(6); 9.13.2.1.(1)
CGSB	37-GP-18Ma-1985	Tar, Cutback, Unfilled, for Dampproofing	5.8.2.2.(7); 5.8.2.2.(8) 9.13.2.1.(1)
CGSB	37-GP-21M-1985	Tar, Cutback, Fibrated, For Roof Coating	5.6.1.2.(1); 9.26.2.1.(1)
CGSB	CAN/CGSB-37.22-M89	Application of Unfilled, Cutback Tar Foundation Coating for Dampproofing	5.8.2.3.(2); 9.13.1.4.(1)
CGSB	37-GP-36M-1976	Application of Filled Cutback Asphalt for Dampproofing or Waterproofing	5.8.2.3.(1)
CGSB	37-GP-37M-1977	Application of Hot Asphalt for Dampproofing or Waterproofing	5.8.2.3.(1)
CGSB	CAN/CGSB-37.50-M89	Hot Applied, Rubberized Asphalt for Roofing and Waterproofing	5.6.1.2.(1); 5.8.2.2.(6) 9.26.2.1.(1)
Column 1	2	3	4

Table 2.6.3.2. (Cont'd)
Documents Referenced in the Ontario Building Code
 Forming Part of Sentence 2.6.3.2.(1)

	Issuing Agency	Document Number	Title of Document	Code Reference
	CGSB	CAN/CGSB-37.51-M90	Application for Hot Applied Rubberized Asphalt for Roofing and Waterproofing	5.6.1.3.(1); 5.8.2.3.(1) 9.26.15.1.(1)
	CGSB	37-GP-52M-1984	Roofing and Waterproofing Membrane, Sheet Applied, Elastomeric	5.6.1.2.(1); 5.8.2.2.(6) 9.26.2.1.(1)
□	CGSB	CAN/CGSB-37.54-95	Polyvinyl Chloride Roofing and Waterproofing Membrane	5.6.1.2.(1); 5.8.2.2.(6) 9.26.2.1.(1)
	CGSB	37-GP-55M-1979	Application of Sheet Applied Flexible Polyvinyl Chloride Roofing Membrane	5.6.1.3.(1) 9.26.16.1.(1)
□	CGSB	37-GP-56M-1985	Membrane, Modified, Bituminous, Prefabricated, and Reinforced for Roofing	5.6.1.2.(1); 5.8.2.2.(6) 9.13.2.1.(1); 9.26.2.1.(1)
	CGSB	37-GP-64M-1977	Mat Reinforcing, Fibrous Glass, for Membrane Waterproofing Systems and Built-up Roofing	5.6.1.2.(1)
	CGSB	41-GP-6M-1983	Sheets, Thermosetting Polyester Plastics, Glass Fiber Reinforced	5.6.1.2.(1); 9.26.2.1.(1)
□	CGSB	CAN/CGSB-41.24-95	Rigid Vinyl Siding, Soffits and Fascia	5.6.1.2.(3); 9.27.13.1.(1)
	CGSB	CAN/CGSB-51.20-M87	Thermal Insulation, Polystyrene Boards and Pipe Covering	5.3.1.2.(2); Table 9.23.16.2.A. 9.25.2.3.(1)
	CGSB	51-GP-21M-1978	Thermal Insulation, Urethane and Isocyanurate, Unfaced	5.3.1.2.(2); Table 9.23.16.2.A. 9.25.2.3.(1)
	CGSB	CAN/CGSB-51.23-M92	Spray Applied Rigid Polyurethane Cellular Plastic Thermal Insulation	5.3.1.2.(2) 9.25.2.3.(1)
	CGSB	CAN/CGSB-51.25-M87	Thermal Insulation, Phenolic, Faced	5.3.1.2.(2); 9.25.2.3.(1)
	CGSB	CAN/CGSB-51.26-M87	Thermal Insulation, Urethane and Isocyanurate, Boards, Faced	5.3.1.2.(2); Table 9.23.16.2.A. 9.25.2.3.(1)
	CGSB	51-GP-27M-1979	Thermal Insulation, Polystyrene, Loose Fill	5.3.1.2.(2); 9.25.2.3.(1)
	CGSB	CAN2-51.32-M77	Sheathing, Membrane, Breather Type	5.6.1.2.(1); 5.6.1.2.(3) 9.20.13.9.(1); 9.23.17.1.(1) 9.26.2.1.(1)
	CGSB	CAN/CGSB-51.33-M89	Vapour Barrier, Sheet, Excluding Polyethylene, for Use in Building Construction	5.5.1.2.(2); 9.25.4.2.(4)
□	CGSB	CAN/CGSB-51.34-M86 (amended 1988)	Vapour Barrier, Polyethylene Sheet for Use in Building Construction	5.5.1.2.(2); 9.13.2.1.(1) 9.13.2.1.(2); 9.18.6.2.(1) 9.25.3.2.(2); 9.25.4.2.(3)
	CGSB	CAN/CGSB-51.39-M92	Spray Application of Rigid Polyurethane Cellular Plastic Insulation for Building Construction	5.3.1.3.(3) 9.25.2.5.(1)
	CGSB	CAN/CGSB-51.60-M90	Cellulose Fibre Loose Fill Thermal Insulation	5.3.1.2.(2); 9.25.2.3.(1)
	Column 1	2	3	4

Table 2.6.3.2. (Cont'd)
Documents Referenced in the Ontario Building Code
 Forming Part of Sentence 2.6.3.2.(1)

Issuing Agency	Document Number	Title of Document	Code Reference
CGSB	CAN/CGSB-63.14-M89	Plastic Skylights	5.4.1.2.(3); 5.4.1.2.(4) 5.6.1.2.(1); 5.6.1.2.(2) 9.7.7.1.(1); 9.7.7.2.(1)
CGSB	CAN/CGSB-82.1-M89	Sliding Doors	5.3.1.2.(2); 5.4.1.2.(3) 5.4.1.2.(5); 5.6.1.2.(3) 5.6.1.2.(4); 9.6.5.2.(1)
CGSB	CAN/CGSB-82.5-M88	Insulated Steel Doors	5.3.1.2.(2); 5.4.1.2.(3) 5.6.1.2.(3); 9.6.5.3.(1)
CGSB	CAN/CGSB-82.6-M86	Doors, Mirrored Glass, Sliding or Folding, Wardrobe	9.6.6.3.(1)
CGSB	CAN/CGSB-93.1-M85	Sheet, Aluminum Alloy, Prefinished Residential	5.6.1.2.(3); 9.27.12.1.(4)
CGSB	CAN/CGSB-93.2-M91	Prefinished Aluminum Siding, Soffits and Fascia for Residential Use	5.6.1.2.(3) 9.27.12.1.(3)
CGSB	CAN/CGSB-93.3-M91	Prefinished Galvanized and Aluminum-Zinc Alloy Steel Sheet for Residential Use	5.6.1.2.(3) 9.27.12.1.(2)
□ CGSB	CAN/CGSB-93.4-M92	Galvanized Steel and Aluminum-Zinc Alloy Coated Steel Siding, Soffits and Fascia, Prefinished, Residential	5.6.1.2.(3) 9.27.12.1.(1)
○ CSA	CAN/CGA-6.19-M93 (R1999)	Residential Carbon Monoxide Detectors	6.2.5A.3.(1) 9.33.4.3.(1)
○ CSA	CSA 6.19-01	Residential Carbon Monoxide Alarming Devices	6.2.5A.3.(1) 9.33.4.3.(1)
CSA	CAN/CSA-A5-M93	Portland Cement	9.3.1.2.(1); 9.20.3.1.(1) 9.28.2.1.(1)
CSA	CAN/CSA-A8-M93	Masonry Cement	9.20.3.1.(1)
CSA	CAN/CSA-A23.1-94	Concrete Materials and Methods of Concrete Construction	4.2.3.6.(1); 4.2.3.9.(1) 9.3.1.3.(1); 9.3.1.4.(1)
CSA	CAN/CSA-A23.3-94	Design of Concrete Structures	Table 4.1.9.1.B.; 4.3.3.1.(1)
CSA	A60.1-M1976	Vitrified Clay Pipe	7.2.5.4.(1)
CSA	A60.3-M1976	Vitrified Clay Pipe Joints	7.2.5.4.(2)
CSA	CAN/CSA-A82.1-M87	Burned Clay Brick (Solid Masonry Units Made From Clay or Shale)	9.20.2.1.(1)
CSA	A82.3-M1978	Calcium Silicate (Sand-Lime) Building Brick	9.20.2.1.(1)
CSA	A82.4-M1978	Structural Clay Load-Bearing Wall Tile	9.20.2.1.(1)
CSA	A82.5-M1978	Structural Clay Non-Load-Bearing Tile	9.20.2.1.(1)
CSA	A82.8-M78	Hollow Clay Brick	9.20.2.1.(1)
CSA	CAN/CSA-A82.27-M91	Gypsum Board	3.1.5.11.(4); Table 9.23.16.2.A.; 9.29.5.2.(1)
CSA	A82.30-M1980	Interior Furring, Lathing and Gypsum Plastering	9.29.4.1.(1)
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Table 2.6.3.2. (Cont'd)
Documents Referenced in the Ontario Building Code
 Forming Part of Sentence 2.6.3.2.(1)

	Issuing Agency	Document Number	Title of Document	Code Reference	
♠	CSA	A82.31-M1980	Gypsum Board Application	9.10.12.5.(1) 9.29.5.1.(2)	
	CSA	A82.56-M1976	Aggregate for Masonry Mortar	9.20.3.1.(1)	
	CSA	CAN3-A93-M82	Natural Airflow Ventilators for Buildings	9.19.1.2.(4)	
	CSA	A101-M1983	Thermal Insulation, Mineral Fibre, for Buildings	9.25.2.3.(1); Table 9.23.16.2.A.	
	CSA	A123.1-M98	Asphalt Shingles Made from Organic Felt and Surfaced with Mineral Granules	5.6.1.2.(1) 9.26.2.1.(1)	
	CSA	A123.2-M1979	Asphalt Coated Roofing Sheets	5.6.1.2.(1); 9.26.2.1.(1)	
	♠	CSA	A123.3-M98	Asphalt Saturated Organic Roofing Felt	5.6.1.2.(1); 9.26.2.1.(1)
	♠	CSA	A123.4-M98	Asphalt for Use in Construction of Built-Up Roof Coverings and Waterproofing Systems	5.6.1.2.(1); 5.8.2.2.(6) 9.13.2.1.(1); 9.26.2.1.(1)
	♠	CSA	CAN/CSA-A123.5-M98	Asphalt Shingle Made from Glass Felt and Surfaced with Mineral Granules	5.6.1.2.(1) 9.26.2.1.(1)
	CSA	A123.17-M1963	Asphalt-Saturated Felted Glass-Fibre Mat for Use in Construction of Built-Up Roofs	5.6.1.2.(1) 9.26.2.1.(1)	
♠	CSA	CAN3-A123.51-M85	Asphalt Shingle Application on Roof Slopes 1:3 and Steeper	5.6.1.3.(1) 9.26.1.2.(1)	
	CSA	CAN3-A123.52-M85	Asphalt Shingle Application on Roof Slopes 1:6 to Less than 1:3	5.6.1.3.(1) 9.26.1.2.(1)	
	CSA	A165.1-94	Concrete Masonry Units	9.15.2.2.(1); 9.17.5.1.(1) 9.20.2.1.(1); 9.20.2.6.(1)	
	CSA	A165.2-94	Concrete Brick Masonry Units	9.20.2.1.(1)	
	CSA	A165.3-94	Prefaced Concrete Masonry Units	9.20.2.1.(1)	
	CSA	A165.4-94	Autoclaved Cellular Units	9.20.2.1.(1)	
	CSA	CAN/CSA-A220.0-M91	Performance of Concrete Roof Tiles	5.6.1.2.(1) 9.26.2.1.(1)	
	CSA	CAN/CSA-A220.1-M91	Installation of Concrete Roof Tiles	9.26.17.1.(1)	
	CSA	CAN/CSA-A247-M86	Insulating Fibreboard	5.3.1.2.(2); 9.23.15.6.(3) Table 9.23.16.2.A.; 9.25.2.3.(1) 9.25.3.1.(1); 9.29.8.1.(1)	
	□	CSA	A257 Series-M92	Standards for Concrete Pipe	7.2.5.3.(1)
CSA	CAN/CSA-A257.4-M92	Precast Reinforced Circular Concrete Manhole Sections, Catch Basins, and Fittings	7.2.5.3.(6)		
CSA	CAN3-A266.1-M78	Air-Entraining Admixtures for Concrete	9.3.1.8.(1)		
CSA	CAN3-A266.2-M78	Chemical Admixtures for Concrete	9.3.1.8.(1)		
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Table 2.6.3.2. (Cont'd)
Documents Referenced in the Ontario Building Code
 Forming Part of Sentence 2.6.3.2.(1)

Issuing Agency	Document Number	Title of Document	Code Reference
CSA	CAN/CSA-A277-M90	Procedures for Certification of Factory-Built Houses	2.1.1.4.(2)
CSA	CAN/CSA-A324-M88	Clay Flue Liners	9.21.3.3.(1)
CSA	A371-94	Masonry Construction for Buildings	5.6.1.2.(3); 5.6.1.3.(3) 9.20.15.2.(1)
CSA	CAN/CSA-A405-M87	Design and Construction of Masonry Chimneys and Fireplaces	9.21.3.5.(1) 9.22.1.4.(1) 9.22.5.2.(2)
CSA	CAN3-A438-M84	Concrete Construction for Housing and Small Buildings	9.3.1.1.(1) 9.3.1.7.(1)
♠	CSA	CAN/CSA-A440-00	Windows 5.4.1.2.(3); 5.4.1.2.(5) 5.4.1.2.(6) 5.6.1.2.(3) 5.6.1.2.(4); 5.6.1.2.(5) 3.7.2.2.(3); 9.7.2.1.(1) 9.7.6.1.(1)
♠	CSA	CAN/CSA-A440.1-00	User Selection Guide to CAN/CSA-A440 5.4.1.2.(5); 5.4.1.2.(6) 5.6.1.2.(4); 5.6.1.2.(5)
	CSA	CAN/CSA-A440.2-M92	Energy Performance Evaluation of Windows and Sliding Glass Doors 9.25.2.1.(12) 9.38.5.4.(4)
♠	CSA	CAN/CSA-B44-00	Safety Code for Elevators 3.5.2.1.(1) 3.8.3.5.(1) Table 4.1.10.5.
♠	CSA	CAN/CSA-B45 Series-99	Plumbing Fixtures 7.6.4.2.(1)
♠	CSA	B52-99	Mechanical Refrigeration Code 6.2.2.4.(4)
♠	CSA	CAN/CSA-B64 Series-01	Backflow Preventers and Vacuum Breakers 7.6.2.3.(4)
♠	CSA	CAN/CSA-B64.0-01	Definitions, General Requirements, and Test Methods for Vacuum Breakers and Backflow Preventers 7.2.10.10.(1)
♠	CSA	CAN/CSA-B64.1.1-01	Vacuum Breakers, Atmospheric Type (AVB) 7.2.10.10.(1)
♠	CSA	CAN/CSA-B64.1.2-01	Vacuum Breakers, Pressure Type (PVB) 7.2.10.10.(1)
♠	CSA	CAN/CSA-B64.2-01	Vacuum Breakers, Hose Connection Type (HCVB) 7.2.10.10.(1)
♠	CSA	CAN/CSA-B64.2.1-01	Vacuum Breakers, Hose Connection Type (HCVB) with Manual Draining Feature 7.2.10.10.(1)
♠	CSA	CAN/CSA-B64.2.2-01	Vacuum Breakers, Hose Connection Type (HCVB) with Automatic Draining Feature 7.2.10.10.(1)
♠	CSA	CAN/CSA-B64.3-01	Backflow Preventers, Dual Check Valve Type Atmospheric Port (DACP) 7.2.10.10.(1)
♠	CSA	CAN/CSA-B64.4-01	Backflow Preventers, Reduced Pressure Principle Type (RP) 7.2.10.10.(1) 7.6.2.3.(4)
♠	CSA	CAN/CSA-B64.5-01	Backflow Preventers, Double Check Valve Type (DCVA) 7.2.10.10.(1)
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Table 2.6.3.2. (Cont'd)
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	Issuing Agency	Document Number	Title of Document	Code Reference
♠	CSA	CAN/CSA-B64.6-01	Backflow Preventers, Dual Check Valve Type (DuC)	7.2.10.10.(1)
♠	CSA	CAN/CSA-B64.7-01	Vacuum Breakers, Laboratory Faucet Type (LFVP)	7.2.10.10.(1)
♠	CSA	CAN/CSA-B64.8-01	Backflow Preventers, Dual Check Valve Type with Intermediate Vent (DuCV)	7.2.10.10.(1)
	CSA	CAN/CSA-B64.10-94	Backflow Prevention Devices - Selection, Installation, Maintenance and Field Testing	7.2.10.10.(1)
★	CSA	CSA-B66-00	Prefabricated Septic Tanks and Sewage Holding Tanks	8.2.2.2.(1); 8.2.2.2.(2) 8.2.2.2.(2.1); 8.2.2.3.(7)
	CSA	B67-1972	Lead Service Pipe, Waste Pipe, Traps, Bends and Accessories	7.2.7.8.(1) 7.2.9.2.(1)
♠	CSA	CAN/CSA-B70-97	Cast Iron Soil Pipe, Fittings and Means of Joining	7.2.6.1.(1)
	CSA	B111-1974	Wire Nails, Spikes and Staples	9.23.3.1.(1); 9.26.2.2.(1) 9.29.5.6.(1)
♠	CSA	CAN/CSA-B125-98	Plumbing Fittings	7.2.3.3.(1); 7.2.10.6.(1) 7.2.10.7.(1); 7.2.10.7.(2) 7.2.10.10.(2)
♠	CSA	B127.1-99	Asbestos Cement Drain, Waste and Vent Pipe and Pipe Fittings	7.2.5.1.(1)
	CSA	B127.2-M1977	Components for Use in Asbestos Cement Building Sewer Systems	7.2.5.1.(2)
♠	CSA	CAN/CSA-B137.1-99	Polyethylene Pipe, Tubing and Fittings for Cold Water Pressure Services	7.2.5.5.(1) Table 7.2.11.2.
♠	CSA	CAN/CSA-B137.2-99	PVC Injection-Moulded Gasketed Fittings for Pressure Applications	7.2.5.6.(1) 7.2.5.9.(1)
♠	CSA	CAN/CSA-B137.3-99	Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications	7.2.5.6.(1) 7.2.5.9.(1) Table 7.2.11.2.
♠	CSA	CAN/CSA-B137.5-99	Cross-Linked Polyethylene (PEX) Tubing Systems for Pressure Applications	7.2.5.5.(4) Table 7.2.11.2.
♠	CSA	CAN/CSA-B137.6-99	CPVC Pipe, Tubing and Fittings for Hot and Cold Water Distribution Systems	7.2.5.7.(1) Table 7.2.11.2.
♠	CSA	CAN/CSA-B137.7-99	Polybutylene (PB) Pipe for Cold Water Distribution Systems	Table 7.2.11.2.
♠	CSA	CAN/CSA-B137.8-99	Polybutylene (PB) Piping for Pressure Applications	7.2.5.8.(1)
♠	CSA	CAN/CSA-B137.9-99	Polyethylene/Aluminium/Polyethylene Composite Pressure Pipe Systems	7.2.5.12.(1) Table 7.2.11.2.
♠	CSA	CAN/CSA-B137.10-99	Crosslinked Polyethylene/Aluminum Crosslinked Polyethylene Composite Pressure Pipe Systems	7.2.5.13.(1) Table 7.2.11.2.
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Table 2.6.3.2. (Cont'd)
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	Issuing Agency	Document Number	Title of Document	Code Reference
♠	CSA	CAN/CSA-B137.11-99	Polypropylene (PP-R) Pipe and Fittings for Pressure Applications	7.2.5.14.(1)
	CSA	B158.1-M1976	Cast Brass Solder Joint Drainage, Waste and Vent Fittings	7.2.7.5.(1) 7.2.10.1.(1)
♠	CSA	CAN/CSA-B181.1-99	ABS Drain, Waste, and Vent Pipe and Pipe Fittings	7.2.5.9.(1) 7.2.5.10.(1) 7.2.5.10.(2) 7.2.10.1.(2)
♠	CSA	CAN/CSA-B181.2-99	PVC Drain, Waste, and Vent Pipe and Pipe Fittings	7.2.5.9.(1) 7.2.5.10.(1) 7.2.5.10.(2) 7.2.10.1.(3)
♠	CSA	CAN/CSA-B181.3-99	Polyolefin Laboratory Drainage Systems	7.2.8.1.(1)
♠	CSA	CAN/CSA-B182.1-99	Plastic Drain and Sewer Pipe and Pipe Fittings	7.2.5.9.(1) 7.2.5.10.(2) 9.14.3.1.(1)
♠	CSA	CAN/CSA-B182.2-99	PVC Sewer Pipe and Fittings (PSM Type)	7.2.5.9.(1) 7.2.5.10.(2)
♠	CSA	CAN/CSA-B182.4-99	Profile (Ribbed) PVC Sewer Pipe and Fittings	7.2.5.9.(1)
♠	CSA	CAN/CSA-B182.6-99	Profile Polyethylene Sewer Pipe and Fittings	7.2.5.9.(1)
	CSA	B242-M1980	Groove and Shoulder Type Mechanical Pipe Couplings	7.2.10.4.(1)
	CSA	CAN/CSA-B272-93	Prefabricated Self-Sealing Vent Flashings	7.2.10.14.(2)
	CSA	CAN/CSA-B281-M90	Aluminum Drain, Waste, and Vent Pipe and Components	7.2.7.9.(1) 7.2.7.9.(3)
♠	CSA	CAN/CSA-B355-00	Lifts for Persons with Physical Disabilities	3.8.3.5.(2)
♠	CSA	CAN/CSA-B356-00	Backflow Preventers and Water Pressure Reducing Valves	7.2.10.12.(1)
♠	CSA	CAN/CSA-B365-01	Installation Code for Solid-Fuel Burning Appliances and Equipment	6.2.1.5.(1) 9.21.1.3.(2) 9.22.10.2.(1) 9.33.1.2.(1)
	CSA	CAN/CSA-B366.1-M87	Solid Fuel-Fired Central Heating Appliances	6.2.1.5.(2)
♠	CSA	CAN/CSA-B602-99	Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe	7.2.5.3.(3) 7.2.10.4.(2)
□	CSA	CAN/CSA-C22.2 No. 0.3-96	Test Methods for Electrical Wires and Cables	3.1.4.3.(1) 3.1.5.17.(1) 3.1.5.20.(1) 3.6.4.3.(1)
	CSA	C22.2 No.113-M1984	Fans and Ventilators	9.32.3.9.(5)
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Table 2.6.3.2. (Cont'd)
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	Issuing Agency	Document Number	Title of Document	Code Reference	
♠	CSA	C22.2 No. 141-M1985	Unit Equipment for Emergency Lighting	3.2.7.4.(2) 9.9.11.3.(6)	
	CSA	C22.2 No. 211.0-M84	General Requirements and Methods of Testing for Nonmetallic Conduit	3.1.5.19.(1)	
	CSA	CAN/CSA-C22.3 No. 1-M87	Overhead Systems	3.1.18.1.(2)	
	CSA	CAN/CSA-C88-M90 (R1994)	Power Transformers and Reactors	3.6.2.8.(10)	
	CSA	CAN/CSA-C260-M90	Rating for the Performance of Residential Mechanical Ventilating Equipment	9.32.3.9.(1)	
	CSA	CAN/CSA-C282-00	Emergency Electrical Power Supply for Buildings	3.2.7.5.(1)	
	♠	CSA	CAN/CSA-C439-00	Standard Laboratory Methods of Test for Rating the Performance of Heat/Energy-Recovery Ventilators	6.2.1.7.(2) 9.32.3.11.(2)
	CSA	CAN/CSA-C445-M92	Design and Installation of Earth Energy Heat Pump Systems for Residential and Other Small Buildings	6.2.1.5.(3)	
	CSA	C447-94	Design and Installation of Earth Energy Heat Pump Systems for Commercial and Institutional Buildings	6.2.1.5.(4)	
	CSA	CAN/CSA-F280-M90	Determining the Required Capacity of Residential Space Heating and Cooling Appliances	6.2.1.1.(1)	
♠	CSA	CAN/CSA-F379.1-88	Solar Domestic Hot Water Systems (Liquid to Liquid Heat Transfer)	7.2.10.13.(1)	
	CSA	CAN/CSA-F383-87	Installation Code for Solar Domestic Hot Water Systems	7.6.1.15.(1)	
	♠	CSA	CAN/CSA-G40.21-98	Structural Quality Steels	4.2.3.8.(1) 9.23.4.3.(2)
	CSA	G164-M81	Hot Dip Galvanising of Irregularly Shaped Articles	4.1.10.8.(4)	
	CSA	G401-93	Corrugated Steel Pipe Products	7.2.6.8.(1) 9.14.3.1.(1)	
	□	CSA	CAN/CSA-O80 Series-97	Wood Preservation	3.1.4.4.(1) 4.2.3.2.(1) 4.2.3.2.(2)
	□	CSA	CAN/CSA-O80.1-M97	Preservative Treatment of All Timber Products by Pressure Processes	9.3.2.9.(3)
	□	CSA	CAN/CSA-O80.2-M97	Preservative Treatment of Lumber, Timber, Bridge Ties and Mine Ties by Pressure Processes	4.2.3.2.(1) 9.3.2.9.(3)
	□	CSA	CAN/CSA-O80.3-M97	Preservative Treatment of Piles by Pressure Processes	4.2.3.2.(1) 9.3.2.9.(3)
	□	CSA	CAN/CSA-O80.9-M97	Preservative Treatment of Plywood by Pressure Processes	9.3.2.9.(3)
□	CSA	CAN/CSA-O80.15-M97	Preservative Treatment of Wood for Building Foundation Systems, Basements and Crawl Spaces by Pressure Processes	4.2.3.2.(1) 9.3.2.9.(3)	
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Table 2.6.3.2. (Cont'd)
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	Issuing Agency	Document Number	Title of Document	Code Reference
♠	CSA	086-01	Engineering Design in Wood	Table 4.1.9.1.B. 4.3.1.1.(1)
	CSA	O115-M1982	Hardwood and Decorative Plywood	5.6.1.2.(3) 9.27.9.1.(1) 9.30.2.2.(1)
□	CSA	O118.1-M97	Western Cedars, Shakes and Shingles	5.6.1.2.(1); 5.6.1.2.(3) 9.26.2.1.(1); 9.27.7.1.(1)
□	CSA	O118.2-M81	Eastern White Cedar Shingles	5.6.1.2.(1); 5.6.1.2.(3) 9.26.2.1.(1); 9.27.7.1.(1)
	CSA	O121-M1978	Douglas Fir Plywood	5.6.1.2.(3); 9.23.14.2.(1) 9.23.15.1.(1); Table 9.23.16.2.A. 9.27.9.1.; 9.30.2.2.(1) Table A-14; Table A-16; Table A-18
	CSA	CAN/CSA-0122-M89	Structural Glued-Laminated Timber	Table A-11 Table A-20
	CSA	CAN/CSA-0132.2 Series-M90	Wood Flush Doors	9.6.5.1.(1)
	CSA	O141-1991	Softwood Lumber	3.1.4.6.(2) 9.3.2.6.(1)
	CSA	O151-M1978	Canadian Softwood Plywood	5.6.1.2.(3); 9.23.14.2.(1) 9.23.15.1.(1); Table 9.23.16.2.A. 9.27.9.1.(1); 9.30.2.2.(1) Table A-14; Table A-16; Table A-18
	CSA	O153-M1980	Poplar Plywood	5.6.1.2.(3); 9.23.14.2.(1) 9.23.15.1.(1); Table 9.23.16.2.A. 9.27.9.1.(1); 9.30.2.2.(1)
	CSA	CAN/CSA-0177-M89	Qualification Code for Manufacturers of Structural Glued-Laminated Timber	4.3.1.2.(1) Table A-11 Table A-20
	CSA	CAN3-0188.1-M78	Interior Mat-Formed Wood Particleboard	9.23.14.2.(3) 9.29.9.1.(1) 9.30.2.2.(1)
	CSA	CAN/CSA-0325.0-92	Construction Sheathing	5.6.1.2.(3); 9.23.14.2.(1) Table 9.23.14.5.B; 9.23.15.1.(1) Table 9.23.15.6.B; Table A-14 Table A-16; Table A-18
	CSA	O437.0-93	OSB and Waferboard	5.6.1.2.(3); 9.23.14.2.(1) 9.23.15.1.(1); 9.23.15.2.(2) Table 9.23.16.2.A.; 9.27.11.1.(1) 9.29.9.1.(2); 9.30.2.2.(1) Table A-14; Table A-16; Table A-18
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Table 2.6.3.2. (Cont'd)
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Issuing Agency	Document Number	Title of Document	Code Reference
♠ CSA	CAN/CSA-S16-01	Limit States Design of Steel Structures	Table 4.1.9.1.B. 4.3.4.1.(1)
♠ CSA	CAN/CSA-S37-M86	Antennas, Towers and Antenna Supporting Structures	4.1.1.4.(2)
♠ CSA	S136-01	North American Specifications for the Design of Cold Formed Steel Structural Members (using the Appendix B provisions applicable to Canada)	4.3.4.2.(1)
CSA	CAN3-S157-M83	Strength Design in Aluminum	4.3.5.1.(1)
CSA	CAN3-S304-M84	Masonry Design for Buildings	Table 4.1.9.1.B. 4.3.2.1.(1) 9.21.4.5.(1)
CSA	S304.1-94	Masonry Design for Buildings (Limit States Design)	Table 4.1.9.1.B. 4.1.9.3.(5) 4.3.2.1.(1)
CSA	S307-M1980	Load Test Procedure for Wood Roof Trusses for Houses and Small Buildings	9.23.13.11.(5)
CSA	CAN3-S367-M81	Air Supported Structures	4.4.1.1.(1)
CSA	CAN/CSA-S406-M92	Construction of Preserved Wood Foundations	9.13.3.4.(1) 9.15.1.3.(3) 9.16.5.1.(1)
CSA	S413-94	Parking Structures	2.1.1.9.(1) 4.4.2.1.(1)
CSA	CAN/CSA-Z32.4-M86	Essential Electrical Systems for Hospitals	3.2.7.6.(1)
CSA	CAN/CSA-Z91-M90	Safety Code for Window Cleaning Operations	4.1.10.8.(2)
CSA	CAN/CSA-Z240.2.1-92	Structural Requirements for Mobile Homes	2.1.1.4.(2) 9.12.2.2.(6) 9.15.1.4.(1)
CSA	CAN/CSA-Z240.3.1-M92	Plumbing Requirements for Mobile Homes	2.1.1.4.(2)
CSA	CAN/CSA-Z240.8.1-M92	Light Duty Windows	2.1.1.4.(2) 9.7.2.1.(2)
CSA	CAN/CSA-Z240.10.1-M94	Site Preparation, Foundation and Anchorage of Mobile Homes	9.15.1.4.(1) 9.23.6.3.(1)
□ CSA	CAN/CSA-Z241 Series-92	Park Model Trailers	9.39.1.1.(1) 9.39.2.1.(1)
CSA	CAN/CSA-Z305.1-92	Non-Flammable Medical Gas Piping Systems	3.7.5.2.(1)
CSA	CAN/CSA-Z317.2-M91	Special Requirements for Heating, Ventilation and Air Conditioning (HVAC) Systems in Health Care Facilities	6.2.1.1.(1)
DBR	Technical Paper No. 194	Fire Endurance of Protected Steel Columns and Beams	11.5.1.1.
DBR	Technical Paper No. 207	Fire Endurance of Unit Masonry Miscellaneous Assemblies	11.5.1.1.
DBR	Technical Paper No. 222	Fire Endurance of Light Framed and Miscellaneous Assemblies	11.5.1.1.
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Table 2.6.3.2. (Cont'd)
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Issuing Agency	Document Number	Title of Document	Code Reference
HUD	Rehabilitation Guidelines No. 8 - 1980	Guideline on Fire Ratings of Archaic Materials and Assemblies	11.5.1.1.
ISO	ISO 8201; 1987(E)	Acoustics - Audible Emergency Evacuation Signal	3.2.4.19.(2)
MMAH	Supplementary Guidelines, 1997	Supplementary Guidelines to the 1997 OBC	2.1.1.11.; 3.1.5.22.(2) 3.1.7.1.(2); 3.1.8.14.(2) 3.1.9.5.(1); 3.1.12.1.(3) 3.2.3.11.(1); 3.2.3.12.(4) 3.2.4.19.(7); 3.2.6.9.(3) 3.2.6.10.(2); 3.2.6.15.(1) 3.6.1.5.(1); 3.12.2.1.(8) 3.12.3.5.(1); 3.12.3.6.(2) 3.12.4.2.(7); 8.2.1.2.(2) 8.6.2.2.(5); 9.8.8.8.(2) 9.10.3.1.(1); 9.10.3.2.(1) 9.10.5.1.(4); 9.10.13.14.(1) 9.11.2.1.; 9.13.7.1.(1); 9.15.3.3.
MOEE	Guidelines 1985, with Subsequent Revision	Guidelines for the Design of Sanitary Sewage Works, Storm Sewers, Water Storage Facilities, Water Distribution Systems, Servicing in areas subject to adverse conditions, Water supply for small residential development and seasonally operated water supply	7.1.6.5.(1)
♠ NFPA	13-1999	Installation of Sprinkler Systems	3.2.4.8.(2); 3.2.4.16.(1) 3.2.5.13.(1); 3.2.8.4.(7) 3.3.2.12.(3); 7.6.2.3.(4)
♠ NFPA	13D-1999	Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	3.2.5.13.(3)
♠ NFPA	13R-1999	Installation of Sprinkler Systems in Residential Occupancies up to and including Four Stories in Height	3.2.5.13.(2)
♠ NFPA	14-2000	Installation of Standpipe, Private Hydrants and Hose Systems	3.2.9.2.(1)
♠ NFPA	20-1999	Installation of Stationary Pumps for Fire Protection	3.2.5.19.(1)
NFPA	24-92	Standard for the Installation of Fire Service Mains and Their Appurtenances	7.2.11.1.(1)
NFPA	71-1989	Installation, Maintenance and Use of Central Station Signalling Systems	3.2.4.7.(4)
NFPA	72-1990	Installation, Maintenance and Use of Proprietary Protective Signalling Systems	3.2.4.7.(4) 3.12.5.4.(1)
♠ NFPA	80-1999	Fire Doors and Windows	3.1.8.5.(2); 3.1.8.10.(2) 3.1.8.12.(2); 3.1.8.14.(1) 3.12.3.1.(2); 9.10.13.1.(1) 9.10.13.2.(3)
♠ NFPA	82-1999	Incinerators, Waste and Linen Handling Systems and Equipment	6.2.6.1.(1) 9.10.10.5.(2)
♠ NFPA	96-1998	Ventilation Control and Fire Protection of Commercial Cooking Operations	6.2.2.6. (1)
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Table 2.6.3.2. (Cont'd)
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	Issuing Agency	Document Number	Title of Document	Code Reference
	NFPA	130-1990	Fixed Guideway Transit Systems	3.12.7.1.
♠	NFPA	211-2000	Chimneys, Fireplaces, Vents and Solid Fuel-Burning Appliances	6.3.1.2.(2) 6.3.1.3.(1)
♠	NFPA	214-1999	Water-Cooling Towers	6.2.3.15.(4)
	NFPA	701-1992	Standard Method of Fire Tests for Flame-Resistant Textiles and Films	3.13.1.6.(1) 3.13.2.5.(1)
♠	NLGA	2000	Standard Grading Rules for Canadian Lumber	9.3.2.1.(1) Table 9.3.2.1.
♠	SMACNA	(1985) 2 nd edition -1995	HVAC Duct Construction Standards - Metal and Flexible	6.2.4.2.(3)
♠	TPIC	1996	Truss Design Procedures and Specifications for Light Metal Plate Connected Wood Trusses	9.23.13.11.(6)
○	UL	UL 2034-1996	Single and Multiple Station Carbon Monoxide Detectors	6.2.5A.3.(1) 9.33.4.3.(1)
	ULC	CAN/ULC-S101-M89	Standard Methods of Fire Endurance Tests of Building Construction and Materials	3.1.5.11.(3); 3.1.5.11.(4) 3.1.5.11.(6); 3.1.7.1.(1) 3.1.11.7.(1); 3.2.3.7.(7) 3.2.6.9.(6); 3.2.6.14.(4)
	ULC	CAN/ULC-S102-M88	Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies	3.1.12.1.(1)
	ULC	CAN/ULC-S102.2-M88	Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Covering, and Miscellaneous Materials and Assemblies	3.1.12.1.(2) 3.1.13.4.(1)
	ULC	S102.3-M1982	Standard Method of FireTest of Light Diffusers and Lenses	3.1.13.4.(1)
	ULC	CAN4-S104-M80	Standard Method of FireTest of Door Assemblies	3.1.8.4.(1) 3.2.6.9.(3) 9.10.13.2.(1)
	ULC	CAN4-S105-M85	Standard Specification for Fire Door Frames Meeting the Performance Required by CAN4-S104	9.10.13.6.(1)
	ULC	CAN4-S106-M80	Standard Method for Fire Tests of Window and Glass Block Assemblies	3.1.8.4.(1)
	ULC	CAN/ULC-S107-M87	Standard Method for Fire Tests of Roof Coverings	3.1.15.1.(1)
	ULC	CAN/ULC-S109-M87	Standard for Flame Tests of Flame-Resistant Fabrics and Films	3.1.4.7.(1); 3.1.5.22.(1) 3.13.1.6.(1); 3.13.2.5.(1) 6.2.3.18.(1); 6.2.4.9.(1)
	ULC	CAN/ULC-S110-M1986	Standard Methods of Fire Tests for Air Ducts	6.2.3.2.(2) 6.2.3.2.(4)
♠	ULC	ULC-S111-95	Standard Method of Fire Tests for Air Filter Units	6.2.3.14.(1) 6.2.4.14.(1)
	ULC	CAN/ULC-S112-M90	Standard Method of Fire Test of Fire-Damper Assemblies	3.1.8.4.(1)
	Column 1	2	3	4

Table 2.6.3.2. (Cont'd)
Documents Referenced in the Ontario Building Code
 Forming Part of Sentence 2.6.3.2.(1)

Issuing Agency	Document Number	Title of Document	Code Reference
ULC	CAN4-S112.2-M84	Standard Method of Fire Test of Ceiling Firestop Flap Assemblies	3.1.9.5.(2) 3.6.4.3.(2)
ULC	CAN4-S113-M79	Standard Specification for Wood Core Doors Meeting the Performance Required by CAN4-S104-77 for Twenty Minute Fire Rated Closure Assemblies	9.10.13.2.(1)
ULC	CAN4-S114-M80	Standard Method of Fire Test for Determination of Non-Combustibility in Building Materials	1.1.3.2.
ULC	ULC-S115-95	Standard Method of Fire Tests for Firestop Systems	3.1.5.15.(3) 3.1.9.1.(1) 3.1.9.1.(2) 3.1.9.4.(4) 9.10.9.7.(3)
ULC	CAN4-S124-M85	Standard Method of Test for the Evaluation of Protective Coverings for Foamed Plastic	3.1.5.11.(2)
ULC	CAN/ULC-S126-M86	Standard Method of Test for Fire Spread Under Roof-Deck Assemblies	3.1.14.1.(1) 3.1.14.2.(1)
ULC	CAN/ULC-S134-92	Fire Test of Exterior Wall Assemblies	3.1.5.5.(1)
ULC	S505-1974	Standard for Fusible Links for Fire Protection Service	3.1.8.9.(1)
ULC	S513-78	Standard for Threaded Couplings for 38 mm and 65 mm Fire Hose	3.2.9.2.(7)
ULC	CAN/ULC-S524-01	Standard for the Installation of Fire Alarm Systems	3.2.4.5.(1)
ULC	CAN/ULC-S531-M87	Standard for Smoke Alarms	3.2.4.21.(1) 9.10.18.1.(1)
ULC	CAN/ULC-S537-97	Standard for the Verification of Fire Alarm Systems	3.2.4.5.(2)
ULC	S543-M1983	Standard for Internal Lug Quick Connect Couplings for Fire Hoses	3.2.9.2.(7)
ULC	CAN/ULC-S553-M86	Standard for the Installation of Smoke Alarms	3.2.4.21.(7)
ULC	CAN/ULC-S610-M87	Standard for Factory-Built Fireplaces	9.22.8.1.
ULC	CAN/ULC-S628-93	Fireplace Inserts	9.22.10.1.(1)
ULC	CAN/ULC-S629-M87	Standard for 650°C Factory-Built Chimneys	9.21.1.2.
ULC	CAN/ULC-S639-M87	Standard for Steel Liner Assemblies for Solid Fuel-Burning Masonry Fireplaces	9.22.2.3.
ULC	CAN/ULC-S701-M97	Standard for Thermal Insulation, Polystyrene, Boards and Pipe Covering	5.3.1.2.(2) Table 9.23.16.2.A. 9.25.2.3.
ULC	ULC/ORD-C199P-M1988	Guide for the Investigation of Combustible Piping for Sprinkler Systems	3.2.5.14.(2)
ULC	ULC/ORD-C376-1995	Fire Growth of Foamed Plastic Insulated Building Panels in a Full-Scale Room Configuration	3.1.5.11.(7)
ULC	ULC/ORD-C693-1994	Central Station Fire Protective Signalling Systems and Services	3.2.4.7.(4)
Column 1	2	3	4

2.6.4. Alternate Test Standards

2.6.4.1. Comparable Test Results

(1) The results of tests based on test standards other than as described in this Code may be used if the alternate test standards provide comparable results.

Section 2.7. Equivalents

2.7.1. Application

▣ 2.7.1.1. General

(1) A *chief building official* or a *registered code agency* may allow, under Section 9 of the Act, the use of materials, systems or *building designs* not authorized by this Code, if the use of the proposed materials, systems or *building designs*

- (a) is permitted under this Section, and
- (b) will, in the opinion of the *chief building official* or *registered code agency*, provide the level of performance that would be achieved by conforming with the requirements of this Code.

(2) A *chief building official* or a *registered code agency* that allows, under Section 9 of the Act, the use of materials, systems or *building designs* not authorized by this Code shall make a record of the decision that includes:

- (a) the decision to allow the use of the material, system or *building design*, and
- (b) all documents in support of the request provided to the *chief building official* or *registered code agency* by the person requesting the use of the material, system or *building design*.

2.7.2. Acceptance of Equivalents

2.7.2.1. Materials

(1) Materials not specifically described in Parts 3, 5, 6, 7, 8 and 9, or which vary from the specific requirements in those Parts or for which no recognized test procedure has been established, may be used if the person requesting the use of such material can establish on the basis of past performance, tests described in Article 2.7.2.4. or other evaluation that the use of the proposed material will provide the level of performance that would be achieved by conformance with the requirements of the *building code*.

2.7.2.2. Systems

(1) Systems not specifically described in Parts 3, 5, 6, 7, 8 and 9, or for which no recognized test procedure has been established, may be used if the person requesting the use of such system can establish on the basis of past performance, tests described in Article 2.7.2.4. or other evaluation that the use of the proposed system will provide the level of performance that would be achieved by conformance with the requirements of the *building code*.

2.7.2.3. Building Designs

(1) *Building designs* not specifically described in Part 4 may be used if the person requesting the use of such *building design* can establish that the use of the proposed *building design* will provide the level of performance that would be achieved by conformance with the requirements of the *building code*.

2.7.2.4. Tests

(1) Where no published test method to establish the suitability of a material or system proposed under Articles 2.7.2.1. or 2.7.2.2. exists, then the tests used for the purposes of those Articles shall be designed to simulate or exceed anticipated service conditions or shall be designed to compare the performance of the material or system with a similar material or system that is known to be acceptable.

(2) The results of tests or evaluations based on test standards other than as described in the *building code* may, in accordance with Article 2.6.4.1., be used for the purposes of Sentence (1) if the alternate test standards provide comparable results.

Section 2.8. Rulings and Interpretations ▣

2.8.1. Designated Materials Evaluation Bodies

2.8.1.1. Designated Bodies

(1) The following body is designated as a materials evaluation body for the purposes of Clause 29(1)(a) of the Act:

Canadian Construction Materials Centre
 Institute for Research in Construction
 National Research Council of Canada
 Montreal Road
 Ottawa, Ontario
 K1A 0R6

2.8.2. Minister's Rulings

2.8.2.1. Minister's Rulings

(1) The *Minister* may impose terms and conditions, including conditions of termination, when making rulings under Clause 29(1)(a) of the Act adopting the evaluation report of a materials evaluation body designated in the *building code*.

▣ 2.8.2.2. Criteria

(1) A ruling made under Clause 29(1)(c) of the Act may only approve the use of an alternative material, system or *building design* in a manner

- (a) that will, in the opinion of the *Minister*, achieve the level of performance that is required by this Code, and
- (b) that is consistent with,
 - (i) a decision of the Building Code Commission in respect of a dispute described in Clause 24(1)(a) of the Act,
 - (ii) an approval of the use of the material, system or *building design* in the whole of another province or territory in accordance with the law of that province or territory,
 - (iii) an approval of the use of the material, system or *building design* under Section 9 of the Act by a *chief building official*, or
 - (iv) a revision of the National Building Code of Canada that has been approved by the Canadian Commission on Building and Fire Codes.

▣ 2.8.3. Interpretations By Minister

2.8.3.1. Interpretations By Minister

(1) Every interpretation issued by the *Minister* under Section 28.1 of the Act shall be made available to the public

- (a) by posting the interpretation on the *Building Code website*, and
- (b) by providing a written copy of the interpretation on receipt of a request for it.

Section 2.9. Search Warrant

2.9.1. Forms

2.9.1.1. Information & Warrant Forms

(1) An information to obtain a warrant to enter and search lands and *buildings* under Subsection 21(1) of the Act shall be in Form 2.9.1.A.

(2) A warrant to enter and search lands and *buildings* under Subsection 21(1) of the Act shall be in Form 2.9.1.B.

Form 2.9.1.A.
Building Code Act, 1992

INFORMATION TO OBTAIN SEARCH WARRANT UNDER SECTION 21 OF THE
BUILDING CODE ACT, 1992

ONTARIO COURT (PROVINCIAL DIVISION)
PROVINCE OF ONTARIO

This is the information of _____
of _____ (name)
(address) (occupation)

I have reasonable ground to believe and do believe that the offence of _____
contrary to Building Code Act, 1992
Section _____ has been committed and that the entry into and search of a certain
building, receptacle or place, namely,

_____ (building, receptacle or place)

of _____, at _____
(owner) (address)

will afford the following evidence: _____

_____ (describe evidence to be searched for, including things to be seized, if any)

relevant to the commission of the offence.

And I further say that my grounds for so believing are:

Therefore, I request that a search warrant be issued to

☐ enter into and search the said _____
check (building, receptacle or place)

appropriate _____ for the said evidence.
box

☐ enter into and search the said _____
(building, receptacle or place)

_____ for the said evidence and to seize the

following things: _____
(describe things to be seized)

Informant

Sworn before me at _____,

this _____ day of _____,

Provincial Judge or Justice of the Peace

Form 2.9.1.B.
Building Code Act, 1992

SEARCH WARRANT UNDER SECTION 21 OF THE BUILDING CODE ACT, 1992

ONTARIO COURT (PROVINCIAL DIVISION)
PROVINCE OF ONTARIO

To: _____

Whereas, on the information on oath of _____, I am satisfied that there is reasonable ground to believe that the offence of _____ contrary to Building Code Act, 1992 Section _____ has been committed and that _____

(describe evidence to be searched for, including things to be seized, if any)

that there is reasonable ground to believe will afford evidence of the said offence may be found at _____

(building, receptacle or place)

of _____, at _____

(owner)

(address)

hereinafter called the premises.

This is therefore to authorise you to enter such _____

(name or location of building, receptacle or place)

between the hours of 6:00 a.m. and 9:00 p.m., or _____

(time warrant to be executed)

☐ and to search for the said evidence.check
appropriatebox ☐ and to search for the said evidence and to seize the following

things _____

(describe things to be seized)

and carry them before me or another Provincial Judge or Justice of the Peace so that they may be dealt with according to the law.

This warrant expires on the _____ day of _____, _____, a day not later than the fifteenth day after its issue.

Issued at _____,

this _____ day of _____,

Provincial Judge or Justice of the Peace

Section 2.10. Building Code Commission

2.10.1. Hearings

2.10.1.1. Divisions

(1) The Building Code Commission may sit in two or more divisions simultaneously so long as a quorum of each division is present.

▣ 2.10.1.2. Single Member

(1) One member of the Building Code Commission may, with the approval of the chair or vice-chair, hear and determine any dispute set out in Sentence (2) and, for that purpose, the member has all the jurisdiction and powers of the Commission.

(2) The disputes referred to in Sentence (1) are:

- (a) any dispute described in Clause 24(1)(a) of the Act respecting the sufficiency of compliance with technical requirements of this Code related to *sewage systems*, and
- (b) any dispute described in Clauses 24(1)(b) or (c) of the Act.

▣ 2.10.1.3. Time Period

(1) A hearing to decide a dispute described in Clause 2.10.1.2.(2)(b) shall be held not more than five days after the Commission receives an application for a hearing in a form approved by the Commission.

(2) The time period described in Sentence (1) commences on the day after the Commission receives the application and excludes Saturdays, holidays and all other days when the offices of the Government of Ontario are not open for the transaction of business with the public.

▣ 2.10.1.4. Eligibility

(1) No member of the Commission shall be:

- (a) a member of the public service of Ontario,
- (b) an employee of a *principal authority*, or
- (c) a person who is registered under Article 2.19.3.2. as a *registered code agency*, an officer, director, partner or employee of a *registered code agency* or a person engaged by a *registered code agency* to perform functions under the Act on behalf of the *registered code agency*.

Section 2.11. Reserved. ▣

Section 2.12. Reserved. ▣

Section 2.13. Designated Persons and Powers

2.13.1. General

2.13.1.1. General

(1) The *director* and employees of the Ministry of Municipal Affairs and Housing specified by the *director* are designated for the purposes of the enforcement of the Act and this Code in relation to the qualifications of: ▣

- (a) *chief building officials*,
- (b) *inspectors*,
- (c) *registered code agencies*,
- (d) persons engaging in the activities described in Subsection 15.11(5) of the Act, and
- (e) persons engaged in the business of *constructing* on site, installing, repairing, servicing, cleaning or emptying *sewage systems*.

(2) The *director* may, for the purposes set out in Sentence (1), exercise the following powers under the Act of a *chief building official*:

- (a) certify for the purposes of Subsection 37(2) of the Act statements as to any matter of record in the office of the *director*, and
- (b) apply for an order under Section 38 of the Act.

(3) The employees of the Ministry of Municipal Affairs and Housing designated by the *director* may, for the purposes set out in Sentence (1), exercise the following powers under the Act of an *inspector*:

- (a) subject to Section 16 of the Act, exercise the powers of entry for inspection purposes in Subsection 12(1) of the Act, and
- (b) exercise the powers of an *inspector* under Section 18 of the Act.

(4) Sections 15.23 and 19 of the Act apply to the exercise of powers under this Article by the *director* and employees of the Ministry of Municipal Affairs and Housing designated by the *director*. ▣

Section 2.14. Prescribed Person

2.14.1. General

2.14.1.1. General

(1) The *director* is prescribed for the purposes of Section 38.1 of the Act.

Section 2.15. Enforcement of the Provisions of the Act and Building Code Related to Sewage Systems

2.15.1. General

2.15.1.1. General

(1) Pursuant to Subsection 3.1(1) of the Act, the boards of health and conservation authorities listed in Column 1 of Table 2.15.1.1. shall enforce the provisions of the Act and the *building code* related to *sewage systems* in the *municipalities* and the territory without municipal organization described in Column 2 of Table 2.15.1.1.

Table 2.15.1.1.
Enforcement of the provisions of the Act and the *Building Code* Related to Sewage Systems
 Forming Part of Article 2.15.1.1.

Board of Health or Conservation Authority	Geographic Area
Board of Health for the Northwestern Health Unit	All <i>municipalities</i> and territory without municipal organization located in the Northwestern Health Unit
Board of Health for the Thunder Bay District Health Unit	All <i>municipalities</i> and territory without municipal organization located in the Thunder Bay District Health Unit
Board of Health for the Porcupine Health Unit	All <i>municipalities</i> and territory without municipal organization located in the Porcupine Health Unit
Board of Health for the District of Algoma Health Unit	All <i>municipalities</i> and territory without municipal organization located in the District of Algoma Health Unit
Board of Health for the Sudbury and District Health Unit	All <i>municipalities</i> and territory without municipal organization located in the Sudbury and District Health Unit
Board of Health for the Timiskaming Health Unit	All <i>municipalities</i> and territory without municipal organization located in the Timiskaming Health Unit
North Bay-Mattawa Conservation Authority	All <i>municipalities</i> and territory without municipal organization located in: 1. the District of Nipissing, except those parts of the District of Nipissing located in the Temiskaming Health Unit, and 2. the District of Parry Sound except for the Township of The Archipelago, the geographic Townships of Blair, Brown, Harrison, Henvey, Mowat and Wallbridge and the unsurveyed territory north of the geographic Township of Henvey to the French River.
Column 1	Column 2

■ Section 2.16. Qualifications for Chief Building Officials and Inspectors

2.16.1. Scope

2.16.1.1. Scope

- (1) This Section prescribes, for the purposes of Subsections 15.11(1), (2) and (3) of the Act
- (a) the qualifications that a person must satisfy to be appointed after June 30, 2005 and to remain appointed after that day as
- a *chief building official* under the Act, or
 - an *inspector* who has the same powers and duties as a *chief building official* in relation to *plumbing*,
- (b) the qualifications that a person must satisfy to be appointed on or after the day this Article comes into force and to remain appointed after that day
- as an *inspector* who has the same powers and

- duties as a *chief building official* in relation to *sewage systems*, or
- as an *inspector* whose duties include plans review or inspection under the Act of *sewage systems*, and
- (c) the qualifications that a person must satisfy to be appointed after June 30, 2005 and to remain appointed after that day as an *inspector* under the Act, other than an *inspector* described in Subclause (a)(ii) or (b)(i) or (ii).

2.16.2. Chief Building Officials

2.16.2.1. Qualifications

- (1) The following are prescribed as qualifications for a person to be appointed and to remain appointed under the Act as a *chief building official* or as an *inspector* who has the same powers and duties as a *chief building official* in relation to *sewage systems* or *plumbing*:
- the person shall successfully complete the examination program administered or authorized by the Ministry of Municipal Affairs and Housing

relating to the person's knowledge of the Act and this Code and the powers and duties of *chief building officials*,

- (b) if, under Subsection 22(2) of the Act, the person will also exercise any of the powers or perform any of the duties of an *inspector*, the person shall also have the qualifications contained in Sentence 2.16.4.1.(1), and
- (c) the person shall file the information set out in Sentence 2.16.6.1.(1) with the *director* in a form established by the *director*.

(2) An *inspector* who has the same powers and duties as a *chief building official* in relation to *sewage systems* and who had, on the day before the day this Article came into force, the qualification described in Article 2.11.3.1. as it read on that day:

- (a) shall be deemed to have successfully completed the examination program described in Clause (1)(a),
- (b) shall be deemed to have successfully completed the examination program described in Clause 2.16.4.1.(1)(a) in the category of qualification described in Column 3 of Row 10 of Table 2.20.2.1., and
- (c) shall be deemed to have filed with the *director* the information required in Clause (1)(c) if the person filed with the *director*, before the day this Article came into force, the information required under Article 2.11.3.1. as that Article read on the day before the day this Article came into force.

(3) A person is required to have the qualifications set out in Sentence (1) in accordance with the following rules:

1. A person appointed as a *chief building official* shall have the qualifications set out in Sentence (1) on and after the later of
 - i. July 1, 2005, and
 - ii. the day he or she is appointed as a *chief building official*.
2. A person appointed as an *inspector* who has the same powers and duties as a *chief building official* in relation to *plumbing* shall have the qualifications set out in Sentence (1) on and after the later of
 - i. July 1, 2005, and
 - ii. the day he or she is appointed as an *inspector* who has the same powers and duties as a *chief building official* in relation to *plumbing*.

3. A person appointed as an *inspector* who has the same powers and duties as a *chief building official* in relation to *sewage systems* shall have the qualifications set out in Sentence (1) on and after the later of
 - i. the day this Article comes into force, and
 - ii. the day he or she is appointed as an *inspector* who has the same powers and duties as a *chief building official* in relation to *sewage systems*.

2.16.3. Supervisors and Managers

2.16.3.1. Qualifications

(1) The following are prescribed as the qualifications for a person to be appointed after June 30, 2005 and to remain appointed under the Act after that day as an *inspector* whose duties are solely the supervision or management of *inspectors*:

- (a) the person shall successfully complete the examination program administered or authorized by the Ministry of Municipal Affairs and Housing of the person's knowledge of the Act and this Code and the powers and duties of *chief building officials*,
- (b) the person shall successfully complete the examination program administered by the Ministry of Municipal Affairs and Housing of the person's knowledge of the Act and this Code related to any one category of qualification set out in Column 3 of Table 2.20.2.1., and
- (c) the person shall file the information set out in Sentence 2.16.6.1.(1) with the *director* in a form established by the *director*.

2.16.4. Inspectors

2.16.4.1. Qualifications

(1) The following are prescribed as qualifications for a person to be appointed and to remain appointed under the Act as an *inspector* whose duties include plans review or inspection under the Act:

- (a) the person shall successfully complete the examination program administered or authorized by the Ministry of Municipal Affairs and Housing relating to the person's knowledge of the Act and this Code in the category or categories of qualifications in Column 3 of Table 2.20.2.1. that correspond to the types of *buildings* set out in Column 4 of Table 2.20.2.1. in respect of which the person will exercise the powers or perform the

- (b) duties of an *inspector* under the Act, where the person is an *inspector* whose duties solely relate to plans review or inspection in respect of fire suppression, fire detection, fire fighting and fire safety or an *inspector* referred to in Sentence 2.4.4.1.(1), the person shall successfully complete the examination program administered or authorized by the Ministry of Municipal Affairs and Housing relating to the person's knowledge of the Act and this Code in respect of fire protection, and
- (c) the person shall file the information set out in Sentence 2.16.6.1.(1) with the *director* in a form established by the *director*.

(2) An *inspector* who had, on the day before the day this Section came into force, the qualification described in Article 2.11.3.1., as it read on that day

- (a) shall be deemed to have successfully completed the examination program described in Clause (1)(a) in the category of qualification described in Column 3 of Row 10 of Table 2.20.2.1., and
- (b) shall be deemed to have filed with the *director* the information required in Clause (1)(c) if the person filed with the *director*, before the day this Section came into force, the information required under Article 2.11.3.1. as it read on that day.

(3) A person is required to have the qualifications set out in Sentence (1) in accordance with the following rules:

1. A person appointed as an *inspector* whose duties include plans review and inspection of *sewage systems* under the Act shall have the qualifications set out in Sentence (1) on and after the later of
 - i. September 1, 2003, and
 - ii. the day on which he or she is appointed as an *inspector* whose duties include plans review and inspection of *sewage systems*.
2. A person appointed as an *inspector*, other than an *inspector* described in paragraph 1, shall have the qualifications set out in Sentence (1) on and after the later of
 - i. July 1, 2005, and
 - ii. the day on which he or she is appointed as an *inspector*.

2.16.5. Updating of Qualifications

2.16.5.1. Updating of Qualifications

(1) When an examination that is part of an examination program referred to in Clause 2.16.2.1.(1)(a), 2.16.3.1.(1)(a) or (b) or 2.16.4.1.(1)(a) or (b) is replaced with a new examination, the *director* shall give notice of the new examination to every person who has, pursuant to Clause 2.16.2.1.(1)(c), 2.16.3.1.(1)(c) or 2.16.4.1.(1)(c), informed the *director* that the person completed the examination before it was replaced or who is deemed to have successfully completed the examination program.

(2) The *director* may give the notice referred to in Sentence (1) by sending it by regular letter mail to the last address of the person filed with the *director*.

(3) It is a prescribed qualification for the purposes of Subsections 15.11(1), (2) and (3) of the Act that, not later than 180 days after the day on which a notice referred to in Sentence (1) is sent, the person to whom the notice is given shall:

- (a) successfully complete all new examinations referred to in the notice, and
- (b) file the information set out in Sentence 2.16.6.1.(1) with the *director* in a form established by the *director*.

2.16.6. Information

2.16.6.1. Qualifications

(1) The information referred to in Clauses 2.16.2.1.(1)(c), 2.16.3.1.(1)(c), 2.16.4.1.(1)(c) and 2.16.5.1.(3)(b) is the following:

- (a) the person's name, residence address and residential mailing address, if different from the residence address,
- (b) the name and address of every *principal authority* that has appointed the person as a *chief building official* or *inspector* under the Act, and
- (c) information about the examinations that the person has successfully completed, in such form and in such detail as may be required by the *director*.

(2) A person who files information under Sentence (1) with the *director* shall advise the *director* of any change of the information not later than 15 days after the change.

2.16.7. Fees

2.16.7.1. Fees

(1) The fee payable upon the filing of information under Clause 2.16.2.1.(1)(c), 2.16.3.1.(1)(c), 2.16.4.1.(1)(c) or 2.16.5.1.(3)(b) is \$80.

(2) The amount of a fee referred to in Sentence (1) is reduced by \$10 if the information is filed and the fee is paid in accordance with a means of electronic filing and payment specified by the *director*.

(3) The Ministry of Municipal Affairs and Housing may charge a fee to a person who takes an examination for the purposes of this Section.

2.16.8. Public Register

2.16.8.1. Public Register

(1) The *director* shall establish and maintain a register available to the public listing every person who has the qualifications required by Subsections 15.11(1), (2) and (3) of the Act and has been appointed as a *chief building official* or *inspector* by a *principal authority*.

(2) The register referred to in Sentence (1) shall contain the following information with respect to each person listed in it:

- (a) the name of the person,
- (b) any identifying number assigned by the *director* to that person,
- (c) the name of each *principal authority* that has appointed the person as a *chief building official* or *inspector*, and
- (d) the qualifications of the person.

2.16.9. Categories of Qualifications

2.16.9.1. Categories

(1) Table 2.20.2.1. contains the categories of qualifications for the purposes of this Section.

Section 2.17. Qualifications for Designers

2.17.1. Scope

2.17.1.1. Scope

(1) This Section prescribes, for the purposes of Clause 8(2)(c) and Subsection 15.11(5) of the Act, the qualifications for a person who carries out *design activities* after June 30, 2005.

2.17.2. General

2.17.2.1. Persons Engaged in the Business of Providing Design Activities to the Public

(1) Every person engaged in the business of providing *design activities* to the public after June 30, 2005 must have the qualification set out in Sentence 2.17.4.1.(1).

2.17.2.2. Other Designers

(1) Every person who carries out *design activities* after June 30, 2005, but who is not required to have the qualification set out in Sentence 2.17.4.1.(1), must have the qualifications set out in Sentence 2.17.5.1.(1).

2.17.3. Definition

2.17.3.1. Definition

(1) In this Section,

registered means registered under Article 2.17.4.2.

2.17.4. Qualifications - Persons Engaged in the Business of Providing Design Activities to the Public

2.17.4.1. General

(1) Except as provided in Sentence (3), every person engaged in the business of providing *design activities* to the public after June 30, 2005 must have the following qualification:

- (a) the person must be *registered* with the *director*.
- (2) A registration shall be in a form established by the *director*.
- (3) A person is exempt from the requirement to comply with the qualification in Sentence (1) if the person's *design activities* relate only to
 - (a) *construction* of a home as defined under the *Ontario New Home Warranties Plan Act* that will be constructed or sold by that person, if the person is a builder or vendor as defined in that Act and is registered under that Act,
 - (b) *construction* of a *building* that is owned by that person,
 - (c) *construction* of a *farm building* that is
 - (i) of *low human occupancy*,
 - (ii) of 2 *storeys* or less in *building height*, and
 - (iii) has a *building area* of less than 600 m² (6460 ft²),
 - (d) the extension, material alteration or repair of:
 - (i) a *building* that is a detached house, a semi-detached house, townhouse or row house containing not more than two *dwelling units*, where no *dwelling unit* is located above another *dwelling unit*, or
 - (ii) a detached structure that serves a *building* described in Subclause (3)(d)(i) and does not exceed 50 m² (538 ft²) in *building area*,
 - (e) a *sewage system* to be constructed by that person if the person is *registered* under Article 2.18.3.2.,
 - (f) *construction* of tents described in Sentence 3.13.1.2.(2),
 - (g) *construction* of signs, other than projecting signs and signs described in Clause 3.14.3.2.(1)(a), (b) or (c), or
 - (h) *construction* of a *building* for which a permit under Section 8 of the Act is applied for or issued before July 1, 2005 and for which *construction* is commenced within six months after the permit is issued.

2.17.4.2. Registration and Renewal of a Registration

- (1) Subject to Article 2.17.4.9., the *director* may register an applicant, or renew a registration, in each class of registration applied for, if
 - (a) the applicant or *registered* person or, if the applicant or *registered* person is a corporation or partnership, a director, officer, partner or employee of the applicant or *registered* person, has successfully completed the examination program administered or

- authorized by the Ministry of Municipal Affairs and Housing relating to the person's knowledge of the Act and this Code in the category of qualification set out on Column 3 of Table 2.20.2.1. that corresponds to each class of registration set out in Column 2 of Table 2.20.2.1. for which application is made,
- (b) all persons who will review and take responsibility for *design activities* provided to the public by the applicant or *registered* person for the purposes of Clause 2.17.4.7.(1)(d) have successfully completed the examination program administered or authorized by the Ministry of Municipal Affairs and Housing relating to the person's knowledge of the Act and this Code in the category of qualification set out on Column 3 of Table 2.20.2.1. that correspond to each class of registration set out in Column 2 of Table 2.20.2.1. for which application is made,
- (c) the applicant or *registered* person is covered by the insurance required under Subsection 2.21.2. during the term of the registration applied for,
- (d) the application is complete, and
- (e) all fees required under Article 2.17.4.5. are paid.

2.17.4.3. Application for Registration or Renewal of a Registration

- (1) An application for registration or renewal of a registration shall be made to the *director* in a form established by the *director*.
- (2) An application for renewal of a registration shall be made at least 60 days before the expiry of the registration to be renewed.
- (3) An application for registration or renewal of a registration shall include an undertaking by the applicant or *registered* person to comply with the conditions set out in Article 2.17.4.7.
- (4) If a partnership or a corporation is the applicant for registration or renewal of registration, the application shall set out the names and residence addresses of all of its partners, directors or officers, as the case may be.
- (5) An application for registration or renewal of a registration shall contain the names of all partners, directors, officers or employees of the applicant or *registered* person, as the case may be, and all other persons engaged by the applicant or *registered* person who:
 - (a) have the qualifications set out in Clause 2.17.4.2.(1)(a) in the class or classes of registration for which the application is made, and

- (b) have the qualifications set out in Clause 2.17.4.2.(1)(b) and will review and take responsibility for the *design activities* provided to the public by the applicant or *registered* person in the class or classes of registration for which the application is made.

(6) An application for registration or renewal of a registration shall contain evidence, provided by the applicant or *registered* person, that the persons referred to in Sentence (5) meet the qualifications set out in Clauses 2.17.4.2.(1)(a) and (b).

(7) An application for registration or renewal of a registration shall contain evidence, provided by the applicant or *registered* person, that the applicant or *registered* person is covered by the insurance required under Subsection 2.21.2. during the term of the registration applied for.

2.17.4.4. Term

(1) A registration expires one year after it is issued but the *director* may, for the purposes of staggering the renewal dates of the registrations, issue the initial registration for a term of not less than 90 days and not more than 18 months.

2.17.4.5. Fees

- (1) The fee for a registration is \$125.
- (2) The fee for a *registered* person to add a new class of registration is \$25.
- (3) The fee for renewal of a registration is \$80.
- (4) The amount of a fee referred to in Sentence (1), (2) or (3) is reduced by 15 per cent and rounded to the nearest whole dollar if the application is made and the fee is paid in accordance with a means of electronic filing and payment specified by the *director*.
- (5) The Ministry of Municipal Affairs and Housing may charge a fee to a person who takes an examination for the purposes of this Subsection.

2.17.4.6. Not Transferable

- (1) A registration is not transferable.

2.17.4.7. Conditions

- (1) The following are the conditions of a registration:
 - (a) the *registered* person shall carry out *design activities* only in respect of the type of *building* described in Column 4 of Table 2.20.2.1. that correspond to the class or classes of registration held by the *registered* person,
 - (b) if the *registered* person is a corporation or partnership, there must throughout the term of the registration be an officer, director, partner or employee of the *registered* person who has the qualifications set out in Clause 2.17.4.2.(1)(a) for each class of registration set out in Column 2 of Table 2.20.2.1. that is held by the *registered* person,
 - (c) not more than 180 days after the day a notice is given under Sentence 2.17.4.8.(1) by the *director* to the *registered* person, the *registered* person shall
 - (i) ensure that the *registered* person and the persons described in Clause (b) have successfully completed all new examinations referred to in the notice, and
 - (ii) provide the following information to the *director*:
 - (A) the names of all persons described in Subclause (i), and
 - (B) information about the examinations that the persons described in Subclause (i) have successfully completed, in such form and in such detail as may be required by the *director*,
 - (d) the *registered* person shall ensure that a person described in Clause (b) or another person who has the qualifications set out in Clause 2.17.4.2.(1)(b) in respect of the class of registration set out in Column 2 of Table 2.20.2.1. to which the *design activities* relate will review and take responsibility for *design activities* in each class of registration that are provided to the public by the *registered* person,
 - (e) not more than 180 days after the day when a notice is given under Sentence 2.17.4.8.(1) by the *director* to the *registered* person, the *registered* person shall:
 - (i) ensure that persons described in Clause (d) who will review and take responsibility for *design activities* provided to the public by the *registered* person in the class of registration to which the notice relates, have successfully completed all new examinations referred to in the notice, and
 - (ii) provide the following information to the *director*:
 - (A) the names of all persons described in Subclause (i), and

- (B) information about the examinations that the persons referred to in Subclause (i) have successfully completed, in such form and in such detail as may be required by the *director*,
- (f) the *registered* person shall ensure that a person described in Clause (d) who reviews and takes responsibility for *design activities* provided to the public by the *registered* person shall include the following information on any document submitted to a *chief building official* or *registered code agency* in the circumstances set out in Subsection 15.11(5) of the Act:
 - (i) the name of the *registered* person and any registration number issued to the *registered* person by the *director*,
 - (ii) a statement that the person has reviewed and taken responsibility for the *design activities*,
 - (iii) the person's name and any identifying number issued to the person by the *director* in respect of the qualifications described in Clause 2.17.4.2.(1)(b), and
 - (iv) the person's signature,
- (g) the *registered* person shall, during the term of the registration, be covered by the insurance required under Subsection 2.21.2.,
- (h) the *registered* person shall, within 15 days after the event, notify the *director* in writing of
 - (i) any change in address of the *registered* person for correspondence relating to the registration, and
 - (ii) any change in the information set out in Sentences 2.17.4.3.(4) and (5),
- (i) the *registered* person shall give prompt written notice to the *director* of any material change in any of the information, other than the information referred to in Clause (h), that is contained in or accompanies an application for registration or renewal of a registration,
- (j) the *registered* person shall, from time to time, at the *registered* person's expense, give the *director* such documents or information relating to the registration or to activities carried out under the registration as the *director* may reasonably require,
- (k) the *registered* person shall allow the representatives of the *director* access to the *registered* person's books and records during normal business hours for the purpose of confirming matters related to the registration.

2.17.4.8. Updating of Qualifications

(1) Where an examination referred to in Clause 2.17.4.2.(1)(a) or (b) is replaced with a new examination, the *director* shall give notice of the new examination to every *registered* person who is registered in a class of registration to which the new examination relates.

(2) The *director* may give the notice referred to in Sentence (1) by sending it by regular letter mail to the last address of the *registered* person that has been provided to the *director*.

2.17.4.9. Suspension, Revocation, Refusal to Register or Renew a Registration

(1) The *director* may, in the circumstances set out in Sentence (2):

- (a) refuse to *register* an applicant or to renew a registration, or
- (b) suspend or revoke a registration.

(2) The circumstances referred to in Sentence (1) are:

- (a) the *registered* person is in contravention of the Act or this Code,
- (b) the *registered* person is in breach of a condition of the registration other than the condition set out in Clause 2.17.4.7.(1)(g),
- (c) the registration was issued on the basis of mistaken, false or incorrect information,
- (d) the *director* is of the opinion that the past conduct of the applicant or *registered* person or, if the applicant or *registered* person is a partnership or a corporation, the partners, officers or directors of the *registered* person, as the case may be, affords reasonable grounds for belief that the business that would be or is authorized by the registration will not be carried on in accordance with law,
- (e) the application is incomplete, or
- (f) any fees required under Article 2.17.4.5. remain unpaid.

(3) If the *director* proposes to refuse to register or renew a registration or proposes to suspend or revoke a registration under Sentence (1), the *director* shall serve a notice of the proposal, together with the reasons for it, on the applicant or *registered* person.

(4) A notice under Sentence (3) shall state that the applicant or *registered* person is entitled to a hearing before the *Tribunal* if the applicant or *registered* person, within 15

days after service of the notice referred to in Sentence (3), serves the *director* and the *Tribunal* with notice in writing requesting a hearing.

(5) If the applicant or *registered* person does not request a hearing by the *Tribunal* in accordance with Sentence (4), the *director* may carry out the proposal stated in the notice under Sentence (3).

(6) If the applicant or *registered* person requests a hearing before the *Tribunal* in accordance with Sentence (4), the *Tribunal* shall appoint a time for and hold a hearing and may by order direct the *director* to carry out the *director's* proposal or refrain from carrying it out and to take such other action as the *Tribunal* considers the *director* ought to take in accordance with the Act and this Code, and for those purposes the *Tribunal* may substitute its opinion for that of the *director*.

(7) The *director*, the applicant or *registered* person who requested the hearing, and such other persons as the *Tribunal* may specify, are parties to proceedings before the *Tribunal*.

(8) Sentences (3) to (7) do not apply and the *director* may cancel the registration of a *registered* person upon receipt of a request in writing for cancellation from the *registered* person in a form established by the *director*.

(9) If, within the time period set out in Sentence 2.17.4.3.(2), a *registered* person has applied for renewal of a registration, paid the fee required under Article 2.17.4.5. and provided evidence satisfactory to the *director* that the *registered* person is covered by insurance required under Subsection 2.21.2. for the term of the renewal of the registration, the registration shall be deemed to continue until the earliest of

- (a) the day the registration is renewed,
- (b) if the *registered* person is served with notice that the *director* proposes to refuse to renew the registration, the day the time for giving notice requesting a hearing expires or, if a hearing is held, the day the *Tribunal* makes its order, and
- (c) the day when the *registered* person ceases to be covered by the insurance required under Subsection 2.21.2.

2.17.4.10. Mandatory Suspension or Revocation of Registration or Refusal to Register or Renew Registration

(1) The *director* shall, in the circumstances set out in

Sentence (2)

- (a) refuse to register an applicant,
- (b) refuse to renew a registration, or
- (c) suspend or revoke a registration.

(2) The circumstances referred to in Sentence (1) are that

- (a) the applicant or *registered* person is not covered by the insurance required under Subsection 2.21.2., or
- (b) an order under Subsection 69(2) of the *Provincial Offences Act* is in effect directing that the registration of the person be suspended and no registration be issued to the person until a fine is paid.

(3) If the *director* refuses to register an applicant, refuses to renew a registration or suspends or revokes a registration under Sentence (1), the *director* shall serve a notice of the refusal, suspension or revocation, together with the reasons for it, on the *registered* person.

(4) A suspension or revocation of a registration under Sentence (1) takes effect immediately and the commencement of a proceeding before the *Tribunal* does not stay the operation of the suspension or revocation of the registration.

(5) A notice under Sentence (3) shall state that the *registered* person is entitled to a hearing before the *Tribunal* if the *registered* person, within 15 days after service of the notice referred to in Sentence (3), serves the *director* and the *Tribunal* with notice in writing requesting a hearing.

(6) The *Tribunal* may, on the application of the *registered* person, stay the operation of a decision of the *director* to suspend or revoke the registration and may grant the stay subject to conditions.

(7) If a *registered* person requests a hearing before the *Tribunal* in accordance with Sentence (5), the *Tribunal* shall appoint a time for and hold a hearing and may by order confirm, alter or revoke the decision of the *director* to refuse to register or to suspend or revoke the registration, as the case may be, and may take such action as the *Tribunal* considers the *director* ought to take in accordance with the Act and this Code, and for those purposes the *Tribunal* may substitute its opinion for that of the *director*.

(8) The *director* and the *registered* person who requested the hearing, and such other persons as the *Tribunal* may specify, are parties to proceedings before the *Tribunal*.

2.17.5. Qualifications - Other Designers

2.17.5.1. General

(1) Except as provided in Sentence (2), a person who carries out *design activities* after June 30, 2005 but is not required under Sentence 2.17.4.1.(1) to be *registered* with the *director* must have the following qualifications:

- (a) he or she shall successfully complete the examination program administered or authorized by the Ministry of Municipal Affairs and Housing relating to his or her knowledge of the Act and this Code in the category of qualification set out in Column 3 of Table 2.20.2.1. that corresponds to the type of *buildings* described in Column 4 of Table 2.20.2.1. for which the person carries out *design activities*,
- (b) he or she shall file the information set out in Sentence 2.17.5.3.(1) with the *director* in a form established by the *director*, and
- (c) he or she shall include the following information on any document respecting *design activities* that the person has reviewed and taken responsibility for and that is submitted to a *chief building official* or *registered code agency* in the circumstances set out in Subsection 15.11(5) of the Act:
 - (i) the person's name and any identifying number issued to the person issued by the *director* in respect of the qualifications described in Clause (a),
 - (ii) a statement that the person has reviewed and taken responsibility for the *design activities*, and
 - (iii) the person's signature.

(2) A person is exempt from the requirement to comply with the qualifications in Sentence (1) if his or her *design activities* relate only to

- (a) *design activities* in respect of which a person described in Clause 2.17.4.7.(1)(d) or who has the qualifications required under Sentence (1) will review and take responsibility,
- (b) *construction* of:
 - (i) a *building* owned by the person that is a detached house, semi-detached house, townhouse or row house containing not more than two *dwelling units* where no *dwelling unit* is located above another *dwelling unit*, or
 - (ii) a detached structure that serves a *building* described in Subclause (2)(b)(i) and does not exceed 50 m² (538 ft²) in *building area*,

- (c) *construction* of a *farm building* that
 - (i) is of *low human occupancy*,
 - (ii) is 2 storeys or less in *building height*, and
 - (iii) has a *building area* of less than 600 m² (6460 ft²),
- (d) a *sewage system* to be *constructed* by that person and:
 - (i) the person is *registered* under Article 2.18.3.2., or
 - (ii) the *sewage system* is owned by the person,
- (e) *construction* of tents described in Sentence 3.13.1.2.(2),
- (f) *construction* of signs, other than projecting signs and signs described in Clause 3.14.3.2.(1)(a), (b) or (c), or
- (g) *construction* of a *building* for which a permit under Section 8 of the Act is applied for or issued before July 1, 2005 and for which the *construction* commences within six months after the permit is issued.

2.17.5.2. Updating of Qualifications

(1) When an examination that is part of an examination program referred to in Clause 2.17.5.1.(1)(a) is replaced with a new examination, the *director* shall give notice of the new examination to every person who has, pursuant to Clause 2.17.5.1.(1)(b), informed the *director* that he or she has completed the examination before its replacement.

(2) The *director* may give the notice referred to in Sentence (1) by sending it by regular letter mail to the last address of the person that has been filed with the *director*.

(3) It is a prescribed qualification for the purposes of Clause 8(2)(c) and Subsection 15.11(5) of the Act that, not more than 180 days after the day on which the notice referred to in Sentence (1) is given, the person to whom the notice is given shall:

- (a) successfully complete all new examinations referred to in the notice, and
- (b) file the information set out in Sentence 2.17.5.3.(1) with the *director* in a form established by the *director*.

2.17.5.3. Information

(1) The information referred to in Clauses 2.17.5.1.(1)(b) and 2.17.5.2.(3)(b) is the following:

- (a) the person's name, residence address and residential mailing address, if different from the residence address, and

- (b) information about the examinations that the person has successfully completed, in such detail as may be required by the *director*.

(2) A person who has filed information under Sentence (1) with the *director* shall advise the *director* of any change of address within 15 days of the change.

2.17.5.4. Fees

(1) The fee payable upon the filing of information referred to in Clauses 2.17.5.1.(1)(b) or 2.17.5.2.(3)(b) is \$80.

(2) The amount of a fee referred to in Sentence (1) is reduced by \$10 if the information is filed and the fee is paid in accordance with a means of electronic filing and payment specified by the *director*.

(3) The Ministry of Municipal Affairs and Housing may charge a fee to a person who takes an examination for the purposes of this Section.

2.17.6. Public Register

2.17.6.1. Public Register

(1) The *director* shall establish and maintain a register available to the public that lists every person who has the qualifications required by Clause 8(2)(c) and Subsection 15.11(5) of the Act.

(2) The register referred to in Sentence (1) shall contain the following information in respect of every *registered* person:

- (a) the name of the *registered* person,
- (b) any identifying number assigned by the *director* to the *registered* person,
- (c) the business address of the *registered* person,
- (d) classes of registration of the *registered* person,
- (e) the names of the person or persons who will review and take responsibility for *design activities* carried out by the *registered* person in each class of registration, and
- (f) any identifying number assigned by the *director* to the person or persons referred to in Clause (e).

(3) The register referred to in Sentence (1) shall contain the following information in respect of persons who have the qualifications referred to in Sentence 2.17.5.1.(1):

- (a) the name of the person,

- (b) any identifying number assigned by the *director* to the person,
- (c) the qualifications of that person.

2.17.7. Classes of Registration and Categories of Qualifications

2.17.7.1. Classes and Categories

(1) Table 2.20.2.1. contains the classes of registration and categories of qualifications for the purposes of this Section.

Section 2.18. Qualifications for Persons Engaged in the Business of Constructing On Site, Installing, Repairing, Servicing, Cleaning or Emptying Sewage Systems

2.18.1. Scope

2.18.1.1. Scope

(1) This Section prescribes, for the purposes of Subsection 15.12(1) of the Act, the qualifications for persons engaged in the business of *constructing* on site, installing, repairing, servicing, cleaning or emptying *sewage systems* after this Section comes into force.

2.18.2. Definition

2.18.2.1. Definition

(1) In this Section,

registered means registered under Article 2.18.3.2.

2.18.3. Qualifications

2.18.3.1. General

(1) Commencing on the day this Section comes into

force, persons engaged in the business of *constructing* on site, installing, repairing, servicing, cleaning or emptying *sewage systems* shall have the following qualification:

(a) the person must be *registered* with the *director*.

(2) A registration shall be in a form established by the *director*.

(3) A *license* issued under Article 2.12.3.1. of this Code, as that Article read immediately before the day this Section came into force, shall be deemed to be a registration for the purposes of Clause (1)(a).

(4) A person is exempt from the requirement to comply with the qualification in Sentence (1) in respect of the activities of cleaning and emptying *sewage systems* if the person has been issued a certificate of approval under Section 39 of the *Environmental Protection Act* in respect of the activities of cleaning and emptying *sewage systems*.

2.18.3.2. Registration and Renewal of a Registration

(1) Subject to Article 2.18.3.9., the *director* may register an applicant, or renew a *registered* person's registration, if

- (a) all persons who will supervise *construction* on site, installation, repair, servicing, cleaning or emptying *sewage systems* carried out by the applicant or *registered* person have successfully completed the examination program administered or authorized by the Ministry of Municipal Affairs and Housing relating to the person's knowledge of the Act, this Code and the *construction*, maintenance and operation of *sewage systems*,
- (b) the application is complete, and
- (c) all fees required under Article 2.18.3.5. are paid.

(2) A person who had, on the day before the day this Subsection came into force, the qualification described in Clause 2.12.4.6.(1)(a), as it read on that day, shall be deemed to have successfully completed the examination program described in Clause (1)(a).

2.18.3.3. Application for Registration or Renewal of a Registration

(1) An application for registration or renewal of a registration shall be made to the *director* in a form established by the *director*.

(2) An application for renewal of a registration shall be made at least 60 days before the expiry of the registration to be renewed.

(3) An application for registration or renewal of a registration shall include an undertaking by the applicant or *registered* person to comply with the conditions set out in Article 2.18.3.7.

(4) If a partnership or a corporation is the applicant for registration or renewal of a registration, the application shall set out the names and residence addresses of all its partners, directors or officers, as the case may be.

(5) An application for registration or renewal of a registration shall contain the names of all partners, directors, officers or employees of the applicant or *registered* person, as the case may be, and all other persons who have been engaged by the applicant or *registered* person, who:

- (a) have the qualifications set out in Clause 2.18.3.2.(1)(a), and
- (b) will supervise the *construction* on site, installation, repair, servicing, cleaning or emptying of *sewage systems* to be carried out by the applicant or *registered* person.

(6) An application for registration or renewal of a registration shall contain evidence, provided by the applicant or *registered* person, that the persons referred to in Sentence (5) meet the qualifications set out in Clause 2.18.3.2.(1)(a).

2.18.3.4. Term

(1) A registration expires 3 years after the date of its issuance.

2.18.3.5. Fees

(1) The fee for a registration or renewal of a registration is \$50.

(2) The amount of a fee referred to in Sentence (1) is reduced by \$5 if the application is made and the fee is paid in accordance with a means of electronic filing and payment specified by the *director*.

(3) The Ministry of Municipal Affairs and Housing may charge a fee to a person who takes an examination for the purposes of this Section.

2.18.3.6. Not Transferable

(1) A registration is not transferable.

2.18.3.7. Conditions

- (1) The following are the conditions of a registration:
 - (a) the *registered* person shall ensure that the *construction* on site, installation, repair, servicing, cleaning or emptying of *sewage systems* carried out by the *registered* person is supervised by a person who has the qualifications set out in Clause 2.18.3.2.(1)(a),
 - (b) not more than 180 days after the day a notice is given under Sentence 2.18.3.8.(1) by the *director* to the *registered* person, the *registered* person shall:
 - (i) ensure that the *construction* on site, installation, repair, servicing, cleaning or emptying of *sewage systems* carried out by the *registered* person is supervised by persons who have successfully completed the new examinations referred to in the notice, and
 - (ii) provide the following information to the *director*:
 - (A) the name of the person or persons carrying out the supervision, and
 - (B) information about the examinations that the person or persons have successfully completed, in such detail as may be required by the *director*,
 - (c) the *registered* person shall, within 15 days after the event, notify the *director* in writing
 - (i) of any change in address of the *registered* person for correspondence relating to the registration, and
 - (ii) of any change in the information set out in Sentences 2.18.3.3.(4) and (5),
 - (d) the *registered* person shall give prompt written notice to the *director* of any material change in any of the information other than the information referred to in Clause (1)(c) that is contained in or accompanies an application for registration or renewal of a registration,
 - (e) the *registered* person shall, from time to time, at the *registered* person's expense, give the *director* such documents or information relating to the registration or to activities carried out under the registration as the *director* may reasonably require, and
 - (f) the *registered* person shall allow the representatives of the *director* access to the *registered* person's books and records during normal business hours for the purpose of confirming matters related to the registration.

2.18.3.8. Updating of Qualifications

- (1) When an examination that is part of an examination

program referred to in Clause 2.18.3.2.(1)(a) is replaced with a new examination, the *director* shall give notice of the new examination to every *registered* person.

- (2) The *director* may give the notice referred to in Sentence (1) by sending it by regular letter mail to the last address of the *registered* person that has been provided to the *director*.

2.18.3.9. Suspension, Revocation, Refusal to Register or Renew a Registration

- (1) The *director* may, in the circumstances set out in Sentence (2):
 - (a) refuse to register an applicant or renew a registration, or
 - (b) suspend or revoke a registration.
- (2) The circumstances referred to in Sentence (1) are:
 - (a) the *registered* person is in contravention of the Act or this Code,
 - (b) the *registered* person is in breach of a condition of the registration,
 - (c) the registration was issued on the basis of mistaken, false or incorrect information,
 - (d) the *director* is of the opinion that the past conduct of the applicant or *registered* person or, if the applicant or *registered* person is a partnership or a corporation, the partners, officers or directors of the *registered* person, as the case may be, affords reasonable grounds for belief that the business that would be or is authorized by the registration will not be carried on in accordance with law,
 - (e) an order under Subsection 69 (2) of the *Provincial Offences Act* is in effect directing that the registration of the person be suspended and that no registration be issued to that person until a fine is paid,
 - (f) the application is incomplete, or
 - (g) any fees required under Article 2.18.3.5. remain unpaid.
- (3) If the *director* proposes to refuse to register or renew a registration or proposes to suspend or revoke a registration, the *director* shall serve a notice of the proposal, together with the reasons for it, on the applicant or *registered* person.

- (4) A notice under Sentence (3) shall state that the applicant or *registered* person is entitled to a hearing before the *Tribunal* if the applicant or *registered* person, within 15 days after service of the notice referred to in Sentence (3), serves the *director* and the *Tribunal* with notice in writing requesting a hearing.

(5) If an applicant or *registered* person does not request a hearing by the *Tribunal* in accordance with Sentence (4), the *director* may carry out the proposal stated in the notice under Sentence (3).

(6) If an applicant or *registered* person requests a hearing before the *Tribunal* in accordance with Sentence (4), the *Tribunal* shall appoint a time for and hold a hearing and may by order direct the *director* to carry out the *director's* proposal or refrain from carrying it out and to take such other action as the *Tribunal* considers the *director* ought to take in accordance with the Act and this Code, and for such purposes the *Tribunal* may substitute its opinion for that of the *director*.

(7) The *director*, the applicant or *registered* person who requested the hearing, and such other persons as the *Tribunal* may specify, are parties to proceedings before the *Tribunal*.

(8) Sentences (3) to (7) do not apply and the *director* may cancel the registration of a *registered* person upon receipt of a request in writing for cancellation from the *registered* person in a form established by the *director*.

(9) If, within the time period set out in Sentence 2.18.3.3.(2), a *registered* person has applied for renewal of a registration and paid the fee required under Article 2.18.3.5., the registration shall be deemed to continue until the earlier of

- (a) the day the registration is renewed, and
- (b) if the *registered* person is served with notice that the *director* proposes to refuse to renew the registration, the day the time for giving notice requesting a hearing expires or, if a hearing is held, until the day the *Tribunal* makes its order.

2.18.4 Public Register

2.18.4.1. Public Register

(1) The *director* shall establish and maintain a register available to the public listing every person who has the qualifications required by Subsection 15.12(1) of the Act.

(2) The register referred to in Sentence (1) shall contain the following information with respect to every *registered* person:

- (a) the name of the *registered* person,
- (b) any identifying number assigned by the *director* to the *registered* person,
- (c) the business address of the *registered* person,
- (d) the names of the person or persons who will

supervise the *construction* on site, installation, repair, servicing, cleaning or emptying *sewage systems* carried out by the *registered* person, and

- (e) any identifying number assigned by the *director* to the persons referred to in Clause (d).

Section 2.19. Qualifications for Registered Code Agencies

2.19.1. Scope

2.19.1.1. Scope

(1) This Section prescribes, for the purposes Subsection 15.11(4) of the Act, the qualifications that a person must meet in order to be eligible to be appointed after June 30, 2005 as a *registered code agency* under the Act.

2.19.2. Definition

2.19.2.1. Definition

- (1) In this Section,

registered means registered under Article 2.19.3.2.

2.19.3. Qualifications

2.19.3.1. General

(1) The following are prescribed as qualifications for persons to be appointed after June 30, 2005 under the Act as a *registered code agency*:

- (a) the person must be *registered* with the *director*.

(2) A registration shall be in a form established by the *director*.

2.19.3.2. Registration and Renewal of a Registration

(1) Subject to Article 2.19.3.9., the *director* may register an applicant, or renew a *registered* person's registration, in each class of registration applied for if

- (a) the applicant or *registered* person or, if the applicant or *registered* person is a corporation or partnership, a director, officer, partner or employee of the applicant or *registered* person, has successfully completed the

examination program administered or authorized by the Ministry of Municipal Affairs and Housing relating to the person's knowledge of the Act and this Code and the powers and duties of a *registered code agency*,

- (b) the applicant or *registered* person or, if the applicant or *registered* person is a corporation or partnership, one or more directors, officers, partners or employees of the applicant or *registered* person, have successfully completed the examination program administered or authorized by the Ministry of Municipal Affairs and Housing relating to the person's knowledge of the Act and this Code in the category of qualification set out in Column 2 of Table 2.20.2.2. that corresponds to each class of registration set out in Column 1 of Table 2.20.2.2. for which application is made,
- (c) all persons who will carry out plans review and inspection activities on behalf of the *registered code agency* have the qualifications set out in Clause (b) in respect of each class of registration for which application is made,
- (d) the applicant or *registered* person has in place a quality management plan referred to in Sentence 2.19.3.3.(3) for carrying out the activities of the applicant or *registered* person under the registration that is acceptable to the *director*,
- (e) the applicant or *registered* person is covered by the insurance required under Subsection 2.21.2. during the term of the registration applied for,
- (f) the application is complete, and
- (g) all fees required under Article 2.19.3.5. are paid.

2.19.3.3. Application for Registration or Renewal of a Registration

(1) An application for registration or renewal of a registration shall be made to the *director* in a form established by the *director*.

(2) An application for renewal of a registration shall be made at least 60 days before the expiry of the registration being renewed.

(3) An application for registration or renewal of a registration shall include a quality management plan for carrying out the activities of the applicant or *registered* person under the registration, including, without limitation:

- (a) procedures relating to the commencement of activities as a *registered code agency*, including procedures to verify that the applicant or *registered* person is qualified to undertake the activities and to verify that there exists no conflict of interest within

the meaning of Sentence 2.22.3.1.(4),

- (b) identification of the responsibilities of persons who will carry out plans review and inspection activities of the applicant or *registered* person and procedures for the supervision of those persons,
- (c) procedures for assessing plans and specifications for conformity with this Code, including procedures for the acceptance under Section 9 of the Act of equivalent materials, systems and *building* designs,
- (d) procedures for inspecting the *construction* of *buildings*,
- (e) procedures for receipt of notices that *construction* is ready for inspection and of written reports from *architects* and *professional engineers* arising out of the general review of the *construction* of *buildings*,
- (f) procedures for the issuance of certificates and orders under the Act, including the responsibility of the persons with the qualifications set out in Sentences 2.22.5.3.(1) and (2),
- (g) procedures for referral of matters to a *chief building official* under Subsection 14(5) of the Act,
- (h) procedures for participation of the applicant or *registered* person in proceedings before the Building Code Commission under Section 24 of the Act and before the Superior Court of Justice under Section 25 of the Act,
- (i) procedures for documenting the activities of the applicant or *registered* person under the registration, including data control, records retention and the maintenance of security and confidentiality of records, and transferring records to the *principal authority*,
- (j) procedures for training and supervision of personnel, and
- (k) procedures for the review and up-dating of the quality management plan.

(4) An application for registration or renewal of a registration shall include an undertaking by the applicant or *registered* person to comply with the conditions set out in Article 2.19.3.7.

(5) If a partnership or a corporation is the applicant for registration or renewal of a registration, an application for registration or renewal of a registration shall set out the names and residence addresses of all its partners, directors or officers, as the case may be.

(6) An application for registration or renewal of a registration shall contain the names of all partners, directors, officers or employees of the applicant or *registered* person, as the case may be, and all other persons who have been engaged by the applicant or *registered* person, who:

- (a) have the qualifications set out in Clauses 2.19.3.2.(1)(a) and (b), and
- (b) have the qualifications set out in Clauses 2.19.3.2.(1)(b) and (c) and will exercise powers and perform functions under the Act on behalf of the applicant or *registered* person.

(7) An application for registration or renewal of a registration shall contain evidence, provided by the applicant or *registered person*, that the persons referred to in Sentence (6) meet the qualifications set out in Clauses 2.19.3.2.(1)(a) to (c).

(8) An application for registration or renewal of a registration shall contain evidence, provided by the applicant or *registered person*, that the applicant or *registered person* is covered by the insurance required under Subsection 2.21.2. during the term of the registration applied for.

2.19.3.4. Term

(1) A registration expires one year after the date of its issuance.

2.19.3.5. Fees

(1) The fee for registration is \$300.

(2) The fee for the addition of a new class of registration is \$50.

(3) The fee for renewal of a registration is \$220.

(4) The amount of a fee referred to in Sentence (1), (2) or (3) is reduced by 15 per cent and rounded to the nearest whole dollar if the application is made and the fee is paid in accordance with a means of electronic filing and payment specified by the *director*.

(5) The Ministry of Municipal Affairs and Housing may charge a fee to a person who takes an examination for the purposes of this Section.

2.19.3.6. Not Transferable

(1) A registration is not transferable.

2.19.3.7. Conditions

(1) The following are the conditions of a registration:

- (a) the *registered person* shall carry out activities under the registration in accordance with the Act, this

Code and the quality management plan referred to in Clause 2.19.3.2.(1)(d),

- (b) if the *registered person* is a corporation or partnership, during the term of the registration there must be
 - (i) an officer, director, partner or employee of the *registered person* who has the qualifications set out in Clause 2.19.3.2.(1)(a), and
 - (ii) one or more officers, directors, partners or employees of the *registered person* who have the qualifications set out in Clause 2.19.3.2.(1)(b) in respect of each class of registration that is held by the *registered person*,
- (c) not more than 180 days after the day a notice is given under Sentence 2.19.3.8.(1) by the *director* to the *registered person*, the *registered person* shall:
 - (i) ensure that the persons referred to in Clause (1)(b) have successfully completed the new examinations referred to in the notice, and
 - (ii) provide to the *director* the names of the persons and information about the examinations that the persons have successfully completed, in such detail as may be required by the *director*,
- (d) the *registered person* shall during the term of the registration, be covered by the insurance required by Subsection 2.21.2.,
- (e) the *registered person* shall, within 15 days after the event, notify the *director* in writing
 - (i) of any change in address of the *registered person* for correspondence relating to the registration, and
 - (ii) of any change in the information set out in Sentences 2.19.3.3.(5) and (6),
- (f) the *registered person* shall give prompt written notice to the *director* of any material change in any of the information, other than the information referred to in Clause (e) that is contained in or accompanies an application for registration or renewal of a registration,
- (g) the *registered person* shall, from time to time, at the *registered person's* expense, give to the *director* such documents or information relating to the registration of the *registered person* or to activities carried out under the registration as the *director* may reasonably require,
- (h) the *registered person* shall allow the representatives of the *director* access to the *registered person's* books and records during normal business hours for the purpose of confirming matters related to the registration.

2.19.3.8. Updating of Qualifications

(1) Where an examination in an examination program referred to in Clause 2.19.3.2.(1)(a), (b) or (c) is replaced with a new examination, the *director* shall give notice of the new examination to every *registered* person who is registered in a class of registration set out in Column 1 of Table 2.20.2.2. to which the examination relates.

(2) The *director* may give the notice referred to in Sentence (1) by sending it by regular letter mail to the last address of the *registered* person that has been provided to the *director*.

2.19.3.9. Suspension, Revocation, Refusal to Register or Renew a Registration

(1) The *director* may, in the circumstances set out in Sentence (2),

- (a) refuse to register an applicant,
- (b) refuse to renew a registration, or
- (c) suspend or revoke a registration.

(2) The circumstances referred to in Sentence (1) are:

- (a) the *registered* person is in contravention of the Act or this Code,

- (b) the *registered* person is in breach of a condition of the registration other than the condition set out in Clause 2.19.3.7.(1)(d),

- (c) the registration was issued on the basis of mistaken, false or incorrect information,

- (d) the *director* is of the opinion that the past conduct of the applicant or *registered* person or, if the applicant or *registered* person is a partnership or a corporation, the partners, officers or directors of the *registered* person, as the case may be, affords reasonable grounds for belief that the business that would be or is authorized by the registration will not be carried on in accordance with law,

- (e) the *director* is of the opinion that there are reasonable grounds for belief that the activities of the applicant or *registered* person are or will be carried on in a manner that poses a threat to public safety,

- (f) the application is incomplete, or

- (g) any fees required under Article 2.19.3.5. remain unpaid.

(3) If the *director* proposes to refuse to register or renew a registration or proposes to suspend or revoke a registration under Sentence (1), the *director* shall serve a

notice of the proposal, together with the reasons for it, on the applicant or *registered* person.

(4) A notice under Sentence (3) shall state that the applicant or *registered* person is entitled to a hearing before the *Tribunal* if the applicant or *registered* person, within 15 days after service of the notice referred to in Sentence (3), serves the *director* and the *Tribunal* with notice in writing requesting a hearing.

(5) If an applicant or *registered* person does not request a hearing by the *Tribunal* in accordance with Sentence (4), the *director* may carry out the proposal stated in the notice under Sentence (3).

(6) If an applicant or *registered* person requests a hearing before the *Tribunal* in accordance with Sentence (4), the *Tribunal* shall appoint a time for and hold a hearing and may by order direct the *director* to carry out the *director's* proposal or refrain from carrying it out and to take such other action as the *Tribunal* considers the *director* ought to take in accordance with the Act and this Code, and for those purposes the *Tribunal* may substitute its opinion for that of the *director*.

(7) The *director*, the applicant or *registered* person who requested the hearing, and such other persons as the *Tribunal* may specify, are parties to proceedings before the *Tribunal*.

(8) A proposal to suspend or revoke a registration by reason of Clause (2)(e) takes effect immediately and the commencement of a proceeding before the *Tribunal* does not stay the operation of the proposal to suspend or revoke the registration.

(9) The *Tribunal* may, on the application of the *registered* person, stay the operation of the proposal of the *director* to suspend or revoke the registration, and may grant the stay subject to conditions.

(10) Sentences (3) to (9) do not apply and the *director* may cancel the registration of a *registered* person upon receipt of a request in writing for cancellation from the *registered* person in a form established by the *director*.

(11) Subject to Sentence (8), if within the time period set out in Sentence 2.19.3.3.(2) a *registered* person has applied for renewal of a registration, paid the fee required under Article 2.19.3.5. and provided evidence satisfactory to the *director* that the *registered* person is covered by insurance required under Subsection 2.21.2. for the term of the renewal of the registration, the registration shall be deemed to continue until the earliest of

- (a) the day the registration is renewed,

- (b) if the *registered* person is served with notice that the *director* proposes to refuse to renew the registration, the day the time for giving notice requesting a hearing expires or, if a hearing is held, the day the *Tribunal* makes its order, and
- (c) the day when the *registered* person ceases to be covered by the insurance required under Subsection 2.21.2.

2.19.3.10. Mandatory Suspension or Revocation of Registration or Refusal to Register or Renew a Registration

- (1) The *director* shall, in the circumstances set out in Sentence (2),
 - (a) refuse to register an applicant,
 - (b) refuse to renew a registration, or
 - (c) suspend or revoke a registration.
- (2) The circumstances referred to in Sentence (1) are:
 - (a) the *registered* person is not covered by the insurance required under Subsection 2.21.2., or
 - (b) an order under Subsection 69(2) of the *Provincial Offences Act* is in effect directing that the registration of the person be suspended and that no registration be issued to that person until a fine is paid.
- (3) If the *director* refuses to register an applicant, refuses to renew a registration or suspends or revokes a registration under Sentence (1), the *director* shall serve a notice of the refusal, suspension or revocation, together with the reasons for it, on the *registered* person.
- (4) A suspension or revocation of a registration under Sentence (1) takes effect immediately and the commencement of a proceeding before the *Tribunal* does not stay the operation of the suspension or revocation of the registration.
- (5) The *Tribunal* may, on the application of the *registered* person, stay the operation of a decision of the *director* to suspend or revoke the registration, and may make the stay subject to conditions.
- (6) A notice under Sentence (3) shall state that the *registered* person is entitled to a hearing before the *Tribunal* if the *registered* person, within 15 days after service of the notice referred to in Sentence (3), serves the *director* and the *Tribunal* with notice in writing requesting a hearing.

(7) If a *registered* person requests a hearing before the *Tribunal* in accordance with Sentence (6), the *Tribunal* shall appoint a time for and hold a hearing and may by order confirm, alter or revoke the decision of the *director* to refuse to register or to suspend or revoke the registration and may take such action as the *Tribunal* considers the *director* ought to take in accordance with the Act and this Code, and for such purposes the *Tribunal* may substitute its opinion for that of the *director*.

(8) The *director* and the *registered* person who requested the hearing, and such other persons as the *Tribunal* may specify, are parties to proceedings before the *Tribunal*.

2.19.4. Public Register

2.19.4.1. Public Register

- (1) The *director* shall establish and maintain a register available to the public listing every person who has the qualifications required by Subsection 15.11(4) of the Act.
- (2) The register referred to in Sentence (1) shall contain the following information in respect of every *registered* person:
 - (a) the name of the *registered* person,
 - (b) any identifying number assigned by the *director* to the *registered* person,
 - (c) the business address of the *registered* person,
 - (d) the classes of registration of the *registered* person, and
 - (e) the names of any persons who will exercise powers and perform functions under the Act on behalf of the *registered* person in each class of registration and any identifying number assigned by the *director* to that person.

2.19.5. Classes of Registration and Categories of Qualifications

2.19.5.1. Classes and Categories

- (1) Table 2.20.2.2. contains the classes of registration and categories of qualifications for the purposes of this Section.

▣ Section 2.20. Classes of Registration and Categories of Qualifications

2.20.2. Classes of Registration and Categories of Qualifications

2.20.1. Scope

2.20.1.1. Scope

(1) This Section sets out classes of registration and categories of qualifications for the purposes of Sections 2.16., 2.17., 2.19. and 2.22.

2.20.2.1. Inspectors and Persons Who Carry out Design Activities

(1) Table 2.20.2.1. sets out the classes of registration and categories of qualifications for persons who carry out *design activities* and the categories of qualifications for *inspectors*.

Table 2.20.2.1.
Classes of Registration and Categories of Qualifications For *Inspectors* and Persons Who Carry Out *Design Activities*
Forming Part of Sentence 2.20.2.1.(1)

Row Number	Classes of Registration for Persons Engaged in the Business of Providing <i>Design Activities</i> to the Public	Categories of Qualifications for <i>Inspectors</i> and Persons Described in Clauses 2.17.4.2.(1)(a) and (b) and 2.17.5.1.(1)(a)	Type of Building
1	House	House	<p>(a) A <i>building</i> that is a detached house, semi-detached house, townhouse or row house where no <i>dwelling unit</i> is located above another <i>dwelling unit</i>, and the <i>building</i> systems, works, fixtures and service systems appurtenant to these <i>buildings</i>,</p> <p>including:</p> <p>(b) a detached structure that serves the <i>building</i> and does not exceed 50 m² (538 ft²) in <i>building area</i>, and</p> <p>excluding:</p> <p>(c) <i>buildings</i> and parts of <i>buildings</i> described in Column 4 of any of Rows 5, 6, 7, 8 and 10 of this Table.</p>
2	Small Buildings	Small Buildings	<p>(a) <i>Buildings</i> described in Clauses 2.1.1.3.(1)(a), (b) and (c) and the <i>building</i> systems, works, fixtures and service systems appurtenant to these <i>buildings</i>,</p> <p>including:</p> <p>(b) <i>buildings</i> and parts of <i>buildings</i></p> <p>(i) described in Column 4 of Row 1 of this Table, or</p> <p>(ii) to which any of Sections 3.10., 3.11., 3.11A., 3.13. and 3.14. apply and that are appurtenant to or serve <i>buildings</i> described in Clause (a),</p> <p>excluding:</p> <p>(c) <i>buildings</i> and parts of <i>buildings</i> described in Column 4 of any of Rows 4 to 10 of this Table.</p>
Column 1	2	3	4

Table 2.20.2.1. (Cont'd)
Classes of Registration and Categories of Qualifications For *Inspectors* and Persons Who Carry Out *Design Activities*
 Forming Part of Sentence 2.20.2.1.(1)

Row Number	Classes of Registration for Persons Engaged in the Business of Providing <i>Design Activities</i> to the Public	Categories of Qualifications for <i>Inspectors</i> and Persons Described in Clauses 2.17.4.2.(1)(a) and (b) and 2.17.5.1.(1)(a)	Type of Building
3	Large Buildings	Large Buildings	(a) <i>Buildings</i> described in Clause 2.1.1.2.(1)(a) or (b) and the <i>building</i> systems, works, fixtures and service systems appurtenant to these <i>buildings</i> , excluding: (b) <i>buildings</i> and parts of <i>buildings</i> described in Column 4 of any of Rows 4 to 10 of this Table.
4	Complex Buildings	Complex Buildings	(a) <i>Post-disaster buildings</i> , and (b) <i>buildings</i> containing <i>building</i> systems, works, fixtures and service systems to which Subsection 3.2.6. or any provision in Articles 3.2.8.2. to 3.2.8.11. apply and that are appurtenant to <i>buildings</i> described in Clause (a) of Column 3 of Row 2 or 3 of this Table, excluding: (c) <i>buildings</i> and parts of <i>buildings</i> described in Column 4 of any of Rows 5 to 10 of this Table.
5	Plumbing - House	Plumbing - House	All <i>plumbing</i> systems to which Part 7 applies that are appurtenant to a <i>building</i> that is a detached house, semi-detached house, townhouse or row house where no <i>dwelling unit</i> is located above another <i>dwelling unit</i> .
6	Plumbing - All Buildings	Plumbing - All Buildings	(a) All <i>plumbing</i> systems to which Part 7 applies, including: (b) <i>buildings</i> and parts of <i>buildings</i> described in Column 4 of Row 5 of this Table.
7	HVAC - House	HVAC - House	All <i>building</i> systems, works, fixtures and service systems to which Section 9.32. or 9.33. applies that are appurtenant to a <i>building</i> that is a detached house, semi-detached house, townhouse or row house where no <i>dwelling unit</i> is located above another <i>dwelling unit</i> .
8	Building Services	Building Services	(a) <i>building</i> systems, works, fixtures and service systems, (i) that are appurtenant to <i>buildings</i> described in Clause 2.1.1.2.(1)(a) or (b) or Clauses 2.1.1.3.(1)(a), (b) and (c) and that relate to fire suppression, fire detection, smoke control, exhaust, vertical movement of smoke, energy efficiency, lighting and emergency power, and (b) <i>building</i> systems, works, fixtures and service systems appurtenant to <i>buildings</i> to which Part 6 applies or to which Section 9.32. or 9.33. applies, including: (c) <i>buildings</i> and parts of <i>buildings</i> described in Column 4 of Row 7 of this Table.
9	Building Structural	Building Structural	(a) Internal and external <i>loadbearing</i> structural elements essential to the stability or strength of a <i>building</i> described in Clause 2.1.1.2.(1)(a) or (b) or Clauses 2.1.1.3.(1)(a), (b) and (c) and that resist <i>dead loads</i> or <i>live loads</i> including, but not limited to, <i>foundations</i> , floors, walls, roofs, columns and beams, and (b) structures designated in Sentence 2.1.2.1.(1).
10	On-site Sewage Systems	On-site Sewage Systems	<i>Sewage systems</i> to which Part 8 applies.
Column 1	2	3	4

2.20.2.2. Registered Code Agencies

(1) Table 2.20.2.2. sets out the classes of registration for *registered code agencies* and the categories of qualifications for persons described in Clauses 2.19.3.2.(1)(a) to (c).

Table 2.20.2.2.
Classes of Registration and Categories of Qualifications
Registered Code Agencies
 Forming Part of Sentence 2.20.2.2.(1)

Classes of Registration for Registered Code Agencies	Category of Qualification for Persons Described in Clauses 2.19.3.2.(1)(a) to (c)	Type of Building Reference to Table 2.20.2.1.
House	House	Column 4 of Row 1
	Plumbing - House	Column 4 of Row 5
	HVAC - House	Column 4 of Row 7
	On-Site Sewage Systems	Column 4 of Row 10
Small Buildings	Small Buildings	Column 4 of Row 2
	Plumbing - All Buildings	Column 4 of Row 6
	Building Services	Column 4 of Row 8
	Building Structural	Column 4 of Row 9
	On-Site Sewage Systems	Column 4 of Row 10
Large Buildings	Large Buildings	Column 4 of Row 3
	Plumbing - All Buildings	Column 4 of Row 6
	Building Services	Column 4 of Row 8
	Building Structural	Column 4 of Row 9
	On-site Sewage Systems	Column 4 of Row 10
Complex Buildings	Complex Buildings	Column 4 of Row 4
	Plumbing - All Buildings	Column 4 of Row 6
	Building Services	Column 4 of Row 8
	Building Structural	Column 4 of Row 9
	On-site Sewage Systems	Column 4 of Row 10
On-site Sewage Systems	On-site Sewage Systems	Column 4 of Row 10
Column 1	2	3

Section 2.21. Insurance**2.21.1. Scope****2.21.1.1. Scope**

(1) This Section prescribes, for the purposes of Subsection 15.13(1) of the Act, the insurance coverage that *registered code agencies* and persons referred to in Subsection 15.11(5) of the Act must have.

2.21.2. Insurance for Registered Code Agencies and Persons Referred to in Subsection 15.11 (5) of the Act

2.21.2.1. Definition

(1) In this Subsection, *registered person* means a person who is registered under Article 2.17.4.2. or 2.19.3.2.

2.21.2.2. Scope

(1) Every person registered under Article 2.17.4.2. or 2.19.3.2. shall have insurance coverage under an insurance policy that satisfies the requirements set out in Article 2.21.2.3.

2.21.2.3. Insurance Coverage

- (1) The insurance policy
 - (a) shall indemnify the *registered person* against liability imposed by law arising out of the performance of or the failure to perform services as a *registered person* during any time while the person is registered under Article 2.17.4.1. or 2.19.3.2. for claims that are first made and reported to the insurer during the period of insurance or during any extended reporting period required by Clause (1)(c),
 - (b) shall set out the name of the *registered person*,
 - (c) in the case of a person registered under Article 2.19.3.2.,
 - (i) shall require an extended reporting period of two years for the purposes of giving notice of any claim or occurrence that the *registered person* could reasonably foresee might give rise to a claim, with respect to an event that occurs prior to the person ceasing to be insured,

- (ii) shall provide that the extended reporting period described in Subclause (i) shall commence on the day the person ceases to be insured, and
- (iii) shall require the *registered person* to make full payment of all premiums for the extended reporting period referred to in Subclause (i) as part of the premiums for the issuance of the insurance policy,
- (d) shall provide for insurance coverage to commence,
 - (i) on the date the *registered person* becomes registered, or
 - (ii) in the case of a *registered person* previously insured in accordance with this Article, on the expiry of the previous policy,
- (e) shall require the insurer to notify the *director* in writing immediately if the policy is declared void for material misrepresentation,
- (f) shall specify a limit of indemnity for any one claim and in the aggregate during any one period of insurance that is not less than
 - (i) in the case of persons registered under Article 2.17.4.2.,
 - (A) \$1,000,000 per claim and \$2,000,000 in the aggregate, if the person billed \$100,000 or more in fees in the 12 months immediately before the issuance of the policy,
 - (B) \$500,000 per claim and \$1,000,000 in the aggregate, if the person billed more than \$50,000 and less than \$100,000 in fees in the 12 months immediately before the issuance of the policy,
 - (C) \$250,000 per claim and \$500,000 in the aggregate, if the person billed \$50,000 or less in fees in the 12 months immediately before the issuance of the policy, or
 - (D) the limits of indemnity for any one claim and in the aggregate that are set out in Sub-subclause (A), (B) or (C), as determined by reference to the person's estimated fees billings for the 12-month period immediately after the issuance of the policy, if the person has been registered less than one year before the issuance of the policy, and
 - (ii) in the case of persons registered under Article 2.19.3.2., \$1,000,000 per claim and \$2,000,000 in the aggregate, except that those limits shall apply exclusively to the exercise of the powers and performance of the duties of a *registered code agency* under the Act by the *registered person* and shall be in addition to any insurance applicable to any other activities carried on by the *registered person*,
- (g) shall provide that any costs and expenses necessarily incurred by the insurer in the investigation, defence or settlement of claims under the policy shall not be part of the limit of indemnity set out in Clause (f),
- (h) shall not provide that the insured shall be responsible for the first portion of any sum that the insured becomes legally liable to pay in respect of a claim made against him, her or it in respect of any one claim or occurrence in an amount exceeding the lesser of:
 - (i) \$70,000, and
 - (ii) 5% of
 - (A) the amount of fees billed by the insured in the 12 months immediately before the issuance of the policy, or
 - (B) the amount of the insured's estimated fees billings for the 12-month period immediately after the issuance of the policy, if the insured has been registered under Article 2.17.4.2. less than one year before the issuance of the policy,
- (i) shall provide that it cannot be cancelled by the insured unless,
 - (i) the insured immediately replaces the policy with another policy that satisfies the requirements of this Article,
 - (ii) the insurer has given notice in writing of the proposed cancellation to the *director*, and
 - (iii) the notice described in Subclause (ii) was received by the *director* at least 30 days before the day the policy is cancelled,
- (j) shall provide that it cannot be cancelled by the insurer unless,
 - (i) it is cancelled for non-payment of a premium,
 - (ii) the insurer has given notice in writing of the proposed cancellation to the *director*, and
 - (iii) the notice described in Subclause (ii) was received by the *director* at least 30 days before the day the policy is cancelled,
- (k) shall provide for the continuation of coverage if the insured is adjudged a bankrupt, insolvent, incompetent or dies during the period of insurance, and
- (l) may provide that coverage be subject to such exclusions and conditions and otherwise on such terms as are consistent with normal insurance industry practice from time to time.

▣ Section 2.22. Registered Code Agencies

2.22.1. Appointment of Registered Code Agency under Section 4.1 of the Act

2.22.1.1. Agreements

(1) An agreement between a *principal authority* and a *registered code agency* under Subsection 4.1(1) of the Act shall be made in writing and shall:

- (a) specify the functions that the *registered code agency* is authorized to perform,
- (b) specify the *construction* of the *building* or class of *buildings* in respect of which the functions will be performed,
- (c) set out the procedure by which the *principal authority* will appoint the *registered code agency* to perform specified functions in respect of the *construction* of a *building* or class of *buildings*,
- (d) require that the *registered code agency* carry out its functions under the agreement in accordance with the Act and this Code and the quality management plan described in Clause 2.19.3.2.(1)(d),
- (e) provide for the provision by the *principal authority* to the *registered code agency* of such plans, specifications and other information, including applications for permits, that the *registered code agency* may require in order to act under the appointment.

(2) An agreement under Subsection (1)

- (a) may contain provisions in addition to the provisions required under Subsection (1) if the additional provisions are not inconsistent with the provisions required under that Subsection, and
- (b) shall not contain any provision that relates to the *construction* of *buildings* for a class of registration for which the *registered code agency* is not registered under Section 2.19.

2.22.1.2. Appointments

(1) An appointment under Subsection 4.1(2) of the Act by a *principal authority* of a *registered code agency* to perform specified functions in respect of the *construction* of a *building* or class of *buildings* shall be made in writing and shall:

- (a) specify the *construction* of the *building* or class of *buildings* in respect of which the appointment relates,
- (b) specify the functions described in Section 15.15 of the Act that the *registered code agency* is appointed to perform, and
- (c) require that the *registered code agency* carry out its functions under the appointment in accordance with the Act and this Code and the quality management plan described in Clause 2.19.3.2.(1)(d).

(2) An appointment described in Subsection (1) may contain provisions in addition to the provisions required under Subsection (1) if the additional provisions are not inconsistent with the provisions required under that Subsection.

2.22.2. Reserved. ➤

2.22.3. When a Registered Code Agency may not be Appointed or Continue to Act under an Appointment

2.22.3.1. General

(1) A *registered code agency* may not be appointed to perform functions under Section 15.15 of the Act in respect of a *building* or continue to act under an appointment in respect of a *building* if the *registered code agency*:

- (a) is not registered under Section 2.19. in respect of the class of registration to which the *construction* of the *building* relates, or
- (b) is in breach of a condition of its registration under Article 2.19.3.7.

(2) Where under Subsection 2.3.1. the design and general review of *construction* of a *building* must be undertaken by an *architect* or *professional engineer* or both, a *registered code agency* may not be appointed to perform functions under Section 15.15 of the Act or continue to act under an appointment in respect of the *construction* of the *building* unless the *registered code agency* or an officer, director, partner or employee of the *registered code agency* is an *architect* or *professional engineer* or both, as the case may be.

(3) A *registered code agency* shall not be appointed under the Act or continue to act under an appointment if the *registered code agency* would be in a conflict of interest.

(4) For the purposes of Sentence (3), a *registered code agency* would be in a conflict of interest if the *registered code agency* or an officer, director, partner or employee of the *registered code agency* or any person engaged by the *registered code agency* to perform functions for it:

- (a) has participated or participates, in any capacity, in *design activities* or *construction* relating to any part of the *building* to which an appointment relates,
- (b) is or has been employed within the previous 180 days by a person who carried out *design activities* or *construction* relating to any part of the *building*,
- (c) has a professional or financial interest in:
 - (i) the *construction* of the *building* to which the appointment relates,
 - (ii) the *building* to which the appointment relates, or
 - (iii) the person responsible for the design of the *building* to which the appointment relates,
- (d) is an elected official, officer or employee of a *principal authority*.

(5) For the purposes of Clause (4)(c), involvement with a *building* as a *registered code agency* and entitlement to any fee paid for acting as a *registered code agency* in respect of a *building* shall not be considered to be a professional or financial interest in the *construction* of the *building*, the *building* or the person responsible for the design of the *building*.

2.22.4. Additional Functions that Registered Code Agencies may be Appointed To Perform

2.22.4.1. General

(1) In addition to the functions described in Paragraphs 1 to 5 of Section 15.15 of the Act, a *registered code agency* may be appointed to perform the functions set out in Sentence 2.22.5.3.(5).

2.22.5. Manner in which Registered Code Agency shall Perform Functions

2.22.5.1. General

(1) The *registered code agency* shall perform the functions specified in an appointment in accordance with the Act and this Code and the quality management plan referred to in Clause 2.19.3.2.(1)(d).

(2) The *registered code agency* shall perform the functions specified in an appointment in accordance with the code of conduct set out in the Supplementary Guidelines to the 1997 OBC.

2.22.5.2. Plans Review and Inspection Activities

(1) The *registered code agency* shall ensure that plans review and inspection activities of the *registered code agency* are carried out by a person who has the qualifications set out in Clause 2.19.3.2.(1)(b) or (c) in respect of the type of *building* set out in Column 3 of Table 2.20.2.2. for which the person is carrying out the activities.

(2) Not more than 180 days after the day a notice is given under Sentence 2.19.3.8.(1) by the *director* to the *registered code agency*, the *registered code agency* shall:

- (a) ensure that plans review and inspection activities of the *registered code agency* in the category of qualification to which the notice relates are carried out by persons who have successfully completed all new examinations referred to in the notice, and
- (b) provide the following information to the *director*:
 - (i) the name and residence address of the person, and
 - (ii) information required by the *director* about the examinations that the person or persons have successfully completed.

(3) A *registered code agency* shall prepare written records of every inspection of the *construction* of a *building* that is undertaken by the *registered code agency* in the course of performing functions under an appointment.

(4) The record required under Sentence (3) shall include:

- (a) the date of receipt of the notice of readiness for inspection, if any,
- (b) the date of the inspection,
- (c) the reason for the inspection,
- (d) whether non-compliance with this Code was observed in the course of the inspection and the details of the non-compliance.

(5) If a *registered code agency* has issued an order under Subsection 12(2), 13(1) or 13(6) of the Act, the *registered code agency* shall prepare a written record consisting of:

- (a) a copy of the order,
- (b) the persons on whom the order was served and the date and manner of service,

- (c) when and how the order was complied with, and
- (d) if the order has not been complied with, the efforts made by the *registered code agency* to achieve compliance by the persons responsible for compliance.

2.22.5.3. Issuance of Certificates by Registered Code Agencies

(1) Subject to Sentence (2), every certificate issued under the Act by a *registered code agency* shall, in accordance with the quality management plan referred to in Clause 2.19.3.2(1)(d), be signed by the *registered code agency* or, if the *registered code agency* is a corporation or partnership, by a person described in Clause 2.19.3.2.(1)(a).

(2) If the certificate is issued in respect of the *construction* of a *building* that would under Section 2.3.1. be required to be designed by and under the general review of an *architect* or *professional engineer* or both, the certificate shall also be signed on behalf of the *registered code agency* by an *architect* or a *professional engineer* or both, as the case may be, who is an officer, director, partner or employee of the *registered code agency*.

(3) A *registered code agency* may issue a *plans review certificate* if the *registered code agency*:

- (a) has been appointed to perform the functions described in Clause 4.1(4)(a) or (c) of the Act in respect of the proposed *construction* of the *building* to which the *plans review certificate* applies,
- (b) has, in conformity with the Act, this Code and the quality management plan described in Clause 2.19.3.2.(1)(d), carried out the applicable functions for which the *registered code agency* was appointed, and
- (c) is satisfied on reasonable grounds that, on date on which the *plans review certificate* is issued, the proposed *construction* of the *building* to which the *plans review certificate* relates is in compliance with this Code.

(4) A *registered code agency* may issue a *change certificate* if the *registered code agency*:

- (a) has been appointed to perform the functions described in Clauses 4.1(4)(a) to (c) of the Act in respect of the *construction* or proposed *construction* of the *building* to which the *change certificate* applies,

- (b) has, in conformity with the Act, this Code and the quality management plan described in Clause 2.19.3.2.(1)(d), carried out the applicable functions for which the *registered code agency* was appointed, and
- (c) is satisfied on reasonable grounds that, on the date on which the *change certificate* is issued, the proposed *construction* of the *building* to which the *change certificate* relates is in compliance with this Code.

(5) A *registered code agency* may issue a *certificate for the occupancy of a building not fully completed* if the *registered code agency*:

- (a) has been appointed to perform the functions described in Clause 4.1(4)(b) or (c) of the Act in respect of the *construction* of the *building* to which the *certificate for the occupancy of a building not fully completed* applies, ➤
- (b) has, in conformity with the Act, this Code and the quality management plan described in Clause 2.19.3.2.(1)(d), carried out the applicable functions for which the *registered code agency* was appointed, and
- (c) is satisfied on reasonable grounds that, on the date on which the *certificate for the occupancy of a building not fully completed* is issued, the *construction* of the *building* to which the *certificate for the occupancy of a building not fully completed* relates is in compliance with Clauses 2.4.3.1.(2)(a) to (q) of this Code.

(6) A *registered code agency* may issue a *final certificate* if the *registered code agency*:

- (a) has been appointed to perform the functions described in Clause 4.1(4)(b) or (c) of the Act in respect of the *construction* of the *building* to which the *final certificate* applies, ➤
- (b) has, in conformity with the Act, this Code and the quality management plan described in Clause 2.19.3.2.(1)(d), carried out the applicable functions for which the *registered code agency* was appointed, and
- (c) is satisfied on reasonable grounds that on the date on which the *final certificate* is issued, the *construction* of the *building* to which the *final certificate* relates is in compliance with this Code.

2.22.5.4. Issuance of Orders by Registered Code Agencies

(1) Orders under Subsections 13(6) and 14(1) of the Act shall, in accordance with the quality management plan described in Clause 2.19.3.2.(1)(d), be signed by the *registered code agency* or a person described in Clause 2.19.3.2.(1)(a).

(2) Orders under Subsections 12(2) and 13(1) and Clause 18(1)(f) of the Act shall, in accordance with the quality management plan described in Clause 2.19.3.2.(1)(d), be signed by the *registered code agency* or by a person described in Clause 2.19.3.2.(1)(b) or (c).

2.22.5.5. Authorized Persons

(1) Persons who possess the qualifications described in Clauses 2.19.3.2.(1)(a), (b) and (c) are prescribed for the purposes of Subsection 15.17(1) of the Act.

(2) The certificate of authorization referred to in Subsection 15.17(2) of the Act shall, in accordance with the quality management plan described in Clause 2.19.3.2.(1)(d), be signed by a representative of the *registered code agency* who is described in Clause 2.19.3.2.(1)(a) and shall contain the following information:

- (a) the name of the *registered code agency* and any identifying number issued by the *director* to the *registered code agency*,
- (b) the title, business address and business telephone number of a representative of the *registered code agency* who may be contacted to answer questions about the certificate and the authorization to which it relates,
- (c) the name of the authorized person and any identifying number issued by the *director* to the authorized person in respect of that person's qualifications,
- (d) the scope of the powers that may be exercised and the functions that may be performed by the authorized person,
- (e) the date of issuance of the certificate.

(3) Every person described in Sentence (1) shall carry his or her certificate of authorization when performing duties and shall produce the certificate for inspection upon request.

2.22.5.6. Prohibition

(1) A *registered code agency* shall not dismiss, suspend, demote, discipline, harass or otherwise disadvantage an employee, or deny an employee a benefit of employment, by reason that

- (a) the employee, acting in good faith and on the basis of reasonable belief, has disclosed to the *director* that the *registered code agency* or any other person has contravened or intends to contravene a provision of the Act or this Code,
- (b) the employee, acting in good faith and on the basis of reasonable belief, has refused or stated an intention of refusing to do anything that is a contravention of a provision of the Act or this Code,
- (c) the employee, acting in good faith and on the basis of reasonable belief, has done or stated an intention of doing anything that is required to be done in order that a provision of the Act or this Code not be contravened, or
- (d) the *registered code agency* believes that the employee will do anything referred to in Clause (a), (b) or (c).

(2) Nothing in this Section impairs any right of an employee either at law or under an employment contract or collective agreement.

(3) In this Article, "employee" includes an independent contractor and "employer" includes the person who retains an employee who is an independent contractor.

2.22.5.7. Information and Records

(1) The *registered code agency* shall maintain records of all plans review and inspection activity, of all certificates and orders and of any other activities taken in carrying out functions under an appointment in accordance with the quality management plan described in Clause 2.19.3.2.(1)(d).

(2) Any information collected by a *registered code agency* in the course of the exercise of powers and the performance of duties under this Act may be used only for the purpose of performing functions under an appointment under Subsection 4.1(2) of the Act and may be disclosed only:

- (a) to a *principal authority* pursuant to an agreement under Subsection 4.1(1) of the Act,
- (b) to a *principal authority* to aid the enforcement in any manner of the Act,
- (c) where required or permitted under this Act, this Code, other applicable legislation or an order of a court.

(3) A *registered code agency* shall ensure that any agreement under which the *registered code agency* engages a person to assist the *registered code agency* to perform functions under an appointment includes a provision that requires the person to comply with Sentences (1) and (2).

2.22.6. Termination of Appointment of a Registered Code Agency

2.22.6.1. Termination of an Appointment Made under Subsection 4.1(2) of the Act

(1) A *principal authority* may, in accordance with the terms of an agreement under Subsection 4.1(1) of the Act, terminate the appointment of a *registered code agency* before the appointment expires under Section 15.19 of the Act.

➤ **2.22.6.2.** Reserved.

2.22.7. Information to be Provided

2.22.7.1. Information to be Provided by a Principal Authority to the Director

(1) If a *principal authority* that has appointed a *registered code agency* terminates the appointment before the appointment expires under Section 15.19 of the Act, the *principal authority* shall, as soon as possible after the termination, give the *director* notice of the termination and such other information concerning the circumstances of the termination and as may be required by the *director*.

(2) If a *principal authority* has issued an order under Subsection 15.21(1) of the Act, the *principal authority* shall as soon as possible after the order is issued give the *director* a copy of the order and such other information concerning the circumstances of the order and as may be required by the *director*.

➤ **2.22.7.2.** Reserved.

➤ **2.22.7.3.** Reserved.

2.22.7.4. Information to be Provided by a Registered Code Agency to the Director

(1) A *registered code agency* that becomes or expects to become unable to carry out the functions for which the *registered code agency* was appointed shall as soon as possible give notice to the *director* of this situation.

2.22.7.5. Information to be Provided by a Registered Code Agency to the Chief Building Official

(1) A *registered code agency* shall notify the *chief building official* if the *registered code agency* becomes or expects to become unable to carry out the functions for which the *registered code agency* was appointed.

(2) A *registered code agency* shall give copies of the following records to the *chief building official*:

- (a) all orders issued by the *registered code agency* under Subsections 12(2), 13(1) and 13(6) of the Act,
- (b) all written records prepared by the *registered code agency* under Sentences 2.22.5.2.(3) and (4),
- (c) all *final certificates* that are issued by the *registered code agency*,
- (d) records described in Sentence 2.7.1.1.(2) relating to the use of an equivalent material, system or *building design* under Section 9 of the Act, and
- (e) any records of information, copies of documents or things, tests, samples or photographs produced, removed, required, taken or ordered to be taken under Subsection 18(1) of the Act.

(3) The documents referred to in Sentence (2) shall be given to the *chief building official*:

- (a) within the time period specified in any agreement under Article 2.22.1.1. or appointment under Article 2.22.1.2 in respect of which the documents relate, whichever time period ends earlier,
- (b) within 15 days after the expiry or termination of the appointment of the *registered code agency* in respect of which the documents relate, if there is no time period specified in the agreement or appointment referred to in Clause (a), or
- (c) if the *chief building official* has given notice to the *registered code agency* that he or she requires the documents before the time set out in Clause (a) or (b), within 2 days after the request for documents.

(4) The requirements of Sentence (2) apply even if the *registered code agency* is no longer registered under Subsection 2.19.

(5) If a *registered code agency* in the course of carrying out functions under an appointment has reason to believe that a *building* described in Sentence (7) is unsafe within the meaning of Subsection 15.9(2) or (3) of the Act, the *registered code agency* shall as soon as possible give notice to the *chief building official* of:

- (a) the location of the *building*, and
- (b) the reason why the *registered code agency* has reason to believe that the *building* is unsafe.

(6) A *registered code agency* that has given a notice to the *chief building official* under Sentence (5) shall give the *chief building official* such other information about the unsafe condition as the *chief building official* may require.

(7) Sentence (5) applies to:

- (a) a *building* in respect of which the *registered code agency* has been appointed to perform functions, and
- (b) a *building* that has been adversely affected by construction of a *building* referred to in Clause (a).

(8) For the purposes of Sentence (3), a time period referred to in Clause (3)(a), (b) or (c)

- (a) does not start until the day after the day on which the obligation to provide the documents arises, and
- (b) does not include Saturdays, holidays and all other days on which the offices of the *principal authority* are not open for the transaction of business with the public.

2.22.8. Referral of Stop Work Order

2.22.8.1. Referral

(1) A *registered code agency* shall refer a matter under Subsection 14(5) of the Act to the *chief building official* by giving the *chief building official*, as soon as possible

- (a) a report that contains the following information:
 - (i) a copy of the order made under Section 12 or 13 of the Act that was not complied with and of the order under Subsection 14(2) of the Act,
 - (ii) the persons on whom the orders were served and the date and manner of service, and
 - (iii) a statement that the orders have not been complied with, and

- (b) such other information as the *chief building official* may require in respect of the matter that has been referred.

(2) The report under Clause (1)(a) shall be signed, in accordance with the quality management plan described in Clause 2.19.3.2.(1)(d), by the *registered code agency* or, if the *registered code agency* is a corporation or partnership, by a person described in Clause 2.19.3.2.(1)(a).

2.23. Fees

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2.23.1. Fees

2.23.1.1. Annual Report

(1) The report referred to in Subsection 7(4) of the Act shall contain the following information in respect of fees authorized under Clause 7(1)(c) of the Act:

- (a) total fees collected in the 12-month period ending no earlier than three months before the release of the report,
- (b) the direct and indirect costs of delivering services related to the administration and enforcement of the Act in the area of jurisdiction of the principal authority in the 12-month period referred to in Clause (1)(a),
- (c) a break-down of the costs described in Clause (1)(b) into at least the following categories:
 - (i) direct costs of administration and enforcement of the Act, including the review of applications for permits and inspection of *buildings*, and
 - (ii) indirect costs of administration and enforcement of the Act, including support and overhead costs, and
- (d) if a reserve fund has been established for any purpose relating to the administration or enforcement of the Act, the amount of the fund at the end of the 12-month period referred to in Clause (a).

(2) The *principal authority* shall give notice of the preparation of a report under Subsection 7(4) of the Act to every person and organization that has requested that the *principal authority* provide the person or organization with such notice and has provided an address for the notice.

2.23.1.2. Change of Fees

(1) Before passing a by-law, regulation or resolution under Clause 7(1)(c) of the Act to introduce or change a fee imposed for applications for a permit or for the issuance of a permit, a *principal authority* shall

- (a) hold at least one public meeting at which any person who attends has an opportunity to make representations with respect to the matter,
- (b) ensure that a minimum of 21 days notice of the public meeting is given in accordance with Clause (c), including giving 21 days notice to every person and organization that has, within five years before the day of the public meeting, requested that the *principal authority* provide the person or organization with such notice and has provided an address for the notice,
- (c) ensure that the notice under Clause (b),
 - (i) sets out the intention of the *principal authority* to pass the by-law, regulation or resolution under Section 7 of the Act and whether the by-law, regulation or resolution would impose any fee that was not in effect on the day the notice is given or would change any fee that was in force on the day the notice is given,
 - (ii) is sent by regular mail to the last address provided by the person or organization that requested the notice in accordance with Clause (b), and
 - (iii) sets out the information described in Clause (d) or states that the information will be made available at no cost to any member of the public upon request, and
- (d) make the following information available to the public:
 - (i) an estimate of the costs of administering and enforcing the Act by the *principal authority*,
 - (ii) the amount of the fee or of the change to the existing fee, and
 - (iii) the rationale for imposing or changing the fee.