

# Installation code for solid-fuel-burning appliances and equipment



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# Preface

This is the seventh edition of CSA B365, *Installation code for solid-fuel-burning appliances and equipment*. It supersedes the previous editions, published in 2001, 1991, 1987, 1984, 1982, and 1980.

Major changes in this edition include revised requirements for the venting of flue gases and for floor and ember protection of appliances.

This Code was prepared by the Technical Committee on Installation Code for Solid-Fuel-Burning Equipment, under the jurisdiction of the Strategic Steering Committee on Fire Safety and Fuel-Burning Equipment, and has been formally approved by the Technical Committee.

April 2010

## Notes:

- (1) Use of the singular does not exclude the plural (and vice versa) when the sense allows.
- (2) Although the intended primary application of this Code is stated in its Scope, it is important to note that it remains the responsibility of the users of the Code to judge its suitability for their particular purpose.
- (3) This publication was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this publication.
- (4) CSA Standards are subject to periodic review, and suggestions for their improvement will be referred to the appropriate committee.
- (5) All enquiries regarding this Code, including requests for interpretation, should be addressed to Canadian Standards Association, 5060 Spectrum Way, Suite 100, Mississauga, Ontario, Canada L4W 5N6.  
Requests for interpretation should
  - (a) define the problem, making reference to the specific clause, and, where appropriate, include an illustrative sketch;
  - (b) provide an explanation of circumstances surrounding the actual field condition; and
  - (c) be phrased where possible to permit a specific “yes” or “no” answer.

Committee interpretations are processed in accordance with the CSA Directives and guidelines governing standardization and are published in CSA’s periodical Info Update, which is available on the CSA Web site at [www.csa.ca](http://www.csa.ca).



# B365-10

## ***Installation code for solid-fuel-burning appliances and equipment***

### **1 Scope**

#### **1.1**

This Code specifies requirements for the installation, alteration, and maintenance of solid-fuel-burning appliances and equipment installed indoors or outdoors.

#### **1.2**

In this Code solid-fuel-burning appliances include

- (a) furnaces;
- (b) boilers;
- (c) stoves;
- (d) ranges;
- (e) space heaters;
- (f) factory-built fireplaces; and
- (g) water heaters.

#### **1.3**

In this Code, the term “solid fuel” includes

- (a) cordwood;
- (b) wood chips;
- (c) sawdust;
- (d) peat logs;
- (e) wood and other biomass pellets;
- (f) kernel corn; and
- (g) coal.

#### **1.4**

This Code does not apply to

- (a) incinerators;
- (b) site-built fireplaces;
- (c) process equipment; or
- (d) portable appliances.

#### **1.5**

In CSA standards, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the standard; “should” is used to express a recommendation or that which is advised but not required; and “may” is used to express an option or that which is permissible within the limits of the standard.

Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material.

Notes to tables and figures are considered part of the table or figure and may be written as requirements.

Annexes are designated normative (mandatory) or informative (nonmandatory) to define their application.

## 1.6

The values given in SI units are the units of record for the purposes of this Code. The values given in parentheses are for information and comparison only.

## 2 Reference publications

This Code refers to the following publications, and where such reference is made, it shall be to the edition listed below.

**Note:** See also [Annex I](#).

### **CSA (Canadian Standards Association)**

B139-09

*Installation code for oil-burning equipment*

B140.0-03 (R2008)

*Oil-burning equipment: General requirements*

B149.1-10

*Natural gas and propane installation code*

CAN/CSA-B366.1-M91 (R2007)

*Solid-fuel-fired central heating appliances*

B415.1-10

*Performance testing of solid-fuel-burning heating appliances*

C22.1-09

*Canadian Electrical Code, Part I*

### **CFR (Code of Federal Regulations)**

40 CFR, Part 60, Subpart AAA. Standards of Performance for New Residential Wood Heaters. Methods 5 and 28.

### **CGSB (Canadian General Standards Board)**

CAN/CGSB 51.71-2005

*Depressurization Test*

### **National Research Council Canada**

*National Building Code of Canada, 2005*

### **ULC (Underwriters Laboratories of Canada)**

CAN/ULC-S610-M87

*Standard for Factory-Built Fireplaces*

S627-00

*Standard for Space Heaters for Use with Solid Fuels*

S628-93

*Standard for Fireplace Inserts*