CANADIAN STANDARDS ASSOCIATION

C22.2 No. 64-10

Household cooking and liquid-heating appliances

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Preface

This is the seventh edition of CSA C22.2 No. 64, *Household cooking and liquid-heating appliances*, one of a series of Standards issued by the Canadian Standards Association under the *Canadian Electrical Code, Part II*. It supersedes the previous editions, published in 1991, 1980, 1976, 1972, 1954, and 1936.

For general information about the Standards of the *Canadian Electrical Code, Part II*, see the Preface of CAN/CSA-C22.2 No. 0, *General Requirements — Canadian Electrical Code, Part II*.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was prepared by the Subcommittee on Household Cooking and Liquid-Heating Appliances, under the jurisdiction of the Technical Committee on Consumer and Commercial Products and the Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

Interpretations: The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: "The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant committee interpretation has not already been published, CSA's procedures for interpretation shall be followed to determine the intended safety principle."

March 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 Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard 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 Standard, 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.*

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Household cooking and liquid-heating appliances

1 Scope

1.1
This Standard applies to cord-connected and permanently connected cooking and liquid-heating appliances* rated for use on nominal single-phase system voltages of 240 V and less and designed to be used in nonhazardous locations in household and similar applications in accordance with the Rules of the *Canadian Electrical Code, Part I.*

**The abbreviated term "appliance" is used in this Standard.*

1.2
The Standard applies to kitchen-type cooking and liquid-heating appliances such as bottle warmers; bun warmers; broilers; chafing dishes; coffee-, crepe-, and doughnut-makers; coffee stoves; corn poppers; deep-fat fryers; egg-, hamburger-, hot-dog-, pressure-, and slow-cookers; frypans; griddles; grills; hot carts; hotplates; kettles; liquid heaters; rangettes; sandwich toasters; table ovens; toaster ovens; toasters; tureens; waffle irons; warming trays and plates; and similar appliances.

1.3
This Standard applies to miscellaneous equipment such as aquarium heaters, barbecues, barbecue lighters, facial saunas, incineration and humus (or chemical) types of electric toilets, poultry water heaters, stock water heaters, vaporizers, water heaters (other than the storage type), water distillers, and similar equipment.

1.4
This Standard does not apply to electric ranges, instrument sterilizers, commercial cooking appliances, storage-tank-type water heaters, insecticide vaporizers, industrial liquid heaters, hair-dressing equipment, or equipment covered by other Standards under the *Canadian Electrical Code, Part II*.

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 (non-mandatory) to define their application.

1.6
The values given in SI units are the units of record for the purposes of this Standard. The values given in parentheses are for information and comparison only.