

Household cooking and liquid-heating appliances



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Vancouver, British Columbia, Canada
Category: General Interest
- A. Andronescu** CSA Group, *Project Manager*
Toronto, Ontario, Canada

Subcommittee on Household Cooking and Liquid-Heating Appliances

M. Edwards	BSH Home Appliances Corporation, New Bern, North Carolina, USA	
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D. Lee	CSA Group, Toronto, Ontario, Canada	
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M. B. Williams	Association of Home Appliance Manufacturers (AHEAD), Washington, District of Columbia, USA	
J. Willner	Bolton, Ontario, Canada	
A. Andronesu	CSA Group, Toronto, Ontario, Canada	<i>Project Manager</i>

Preface

This is the eighth edition of CSA C22.2 No. 64, *Household cooking and liquid-heating appliances*. It supersedes the previous editions published in 2010, 1991, 1980, 1976, 1972, 1954, and 1936. It is one of a series of Standards issued by CSA Group under Part II of the *Canadian Electrical Code*.

The major changes to this edition include

- a) the removal of the requirements for electric portable cooking appliances such bread makers, candy floss maker, hot plates, indoor barbecues, popcorn makers, portable ovens, toasters, and waffle irons covered by CAN/CSA-C22.2 No. 60335-2-9;
- b) the removal of requirements for outdoor barbecues covered by CAN/CSA-C22.2 No. 60335-2-78;
- c) the removal of requirements for bottle warmers, coffee makers, egg boilers, kettles, pressure cookers, rice cookers, slow cookers, poultry water heaters, and stock water heaters covered by CAN/CSA-C22.2 No. 60335-2-15;
- d) the removal of requirements for facial saunas covered by CAN/CSA-C22.2 No. 60335-2-23;
- e) the removal of requirements for electrical appliances for use in aquariums or garden ponds covered by CAN/CSA-C22.2 No. 60335-2-55; and
- f) an update of the reference publications (Clause 2).

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 CSA committee interpretation has not already been published, CSA Group’s procedures for interpretation shall be followed to determine the intended safety principle.”

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 Standard 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 Standard.*
- 4) *To submit a request for interpretation of this Standard, please send the following information to inquiries@csagroup.org and include “Request for interpretation” in the subject line:*
 - 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) *where possible, phrase the request in such a way that a specific “yes” or “no” answer will address the issue.*

Committee interpretations are processed in accordance with the CSA Directives and guidelines governing standardization and are available on the Current Standards Activities page at standardsactivities.csa.ca.

- 5) *This Standard is subject to review within five years from the date of publication. Suggestions for its improvement will be referred to the appropriate committee. To submit a proposal for change, please send the following information to inquiries@csagroup.org and include "Proposal for change" in the subject line:*
- a) *Standard designation (number);*
 - b) *relevant clause, table, and/or figure number;*
 - c) *wording of the proposed change; and*
 - d) *rationale for the change.*

CSA C22.2 No. 64:19

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 CSA C22.1, *Canadian Electrical Code, Part I*.

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

1.2

This Standard applies to kitchen-type cooking and liquid-heating appliances such as

- a) bun warmers;
- b) chafing dishes;
- c) deep-fat fryers;
- d) frypans;
- e) hot carts;
- f) warming trays and plates; and
- g) similar appliances.

1.3

This Standard applies to miscellaneous equipment such as

- a) barbecue lighters;
- b) incineration and humus (or chemical) types of electric toilets;
- c) vaporizers;
- d) water heaters (other than the storage type);
- e) water distillers; and
- f) similar equipment.

1.4

This Standard does not apply to

- a) electric portable cooking appliances such bread makers, candy floss maker, hot plates, indoor barbecues, popcorn makers, portable ovens, toasters, and waffle irons covered by CAN/CSA-C22.2 No. 60335-2-9;
- b) outdoor barbecues covered by CAN/CSA-C22.2 No. 60335-2-78;
- c) electric liquid heating appliances such as bottle warmers, coffee makers, egg boilers, kettles, pressure cookers, rice cookers, slow cookers, poultry water heaters, and stock water heaters covered by CAN/CSA-C22.2 No. 60335-2-15;
- d) facial saunas and hair dressing equipment covered by CAN/CSA-C22.2 No. 60335-2-23;
- e) electrical appliances for use in aquariums or garden ponds covered by CAN/CSA-C22.2 No. 60335-2-55;