

Household cooking ranges



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Household cooking ranges



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Preface

This is the ninth edition of CSA C22.2 No. 61, *Household cooking ranges*. It is one of a series of Standards issued by CSA Group under Part II of the *Canadian Electrical Code*. It supersedes the previous editions published in 2008, 1989, 1985, 1980, 1973, 1959, 1953, and 1942.

For general information on 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*.

The major changes to this edition of the Standard include

- a) the use of IEC surface temperature probe;
- b) new temperature measurement exempt zones;
- c) new requirements for coil surface element cooking oil ignition; and
- d) new fire and explosion tests for self-clean ovens.

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 Ranges, 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 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 problem.

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.*

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C22.2 No. 61-16

Household cooking ranges

1 Scope

1.1

This Standard applies to household cooking ranges having a rating not exceeding 250 V and 21 kW and designed to be used in accordance with the Rules of the *Canadian Electrical Code, Part I*.

Note: Throughout this Standard, the word “appliance” is used to refer to the whole group of equipment covered by this Standard. Where a requirement applies only to one type of equipment, e.g., an electric range, the words “electric range” are used.

1.2

This Standard applies to

- a) electric ranges;
- b) electric built-in cooking units;
- c) electric ranges in combination with gas fired heaters; and
- d) the cooking section of kitchen units, which consists of various combinations of electric built-in cooking units, an oven, a sink, and a refrigerated cabinet.

Note: Products listed above that include induction heater elements are included in the scope of this Standard.

1.3

This Standard does not apply to rangettes, table ovens, toaster ovens, and portable hotplates that are covered by CSA C22.2 No. 64 or CAN/CSA-C22.2 No. 60335-2-9.

1.4

In this Standard, “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.