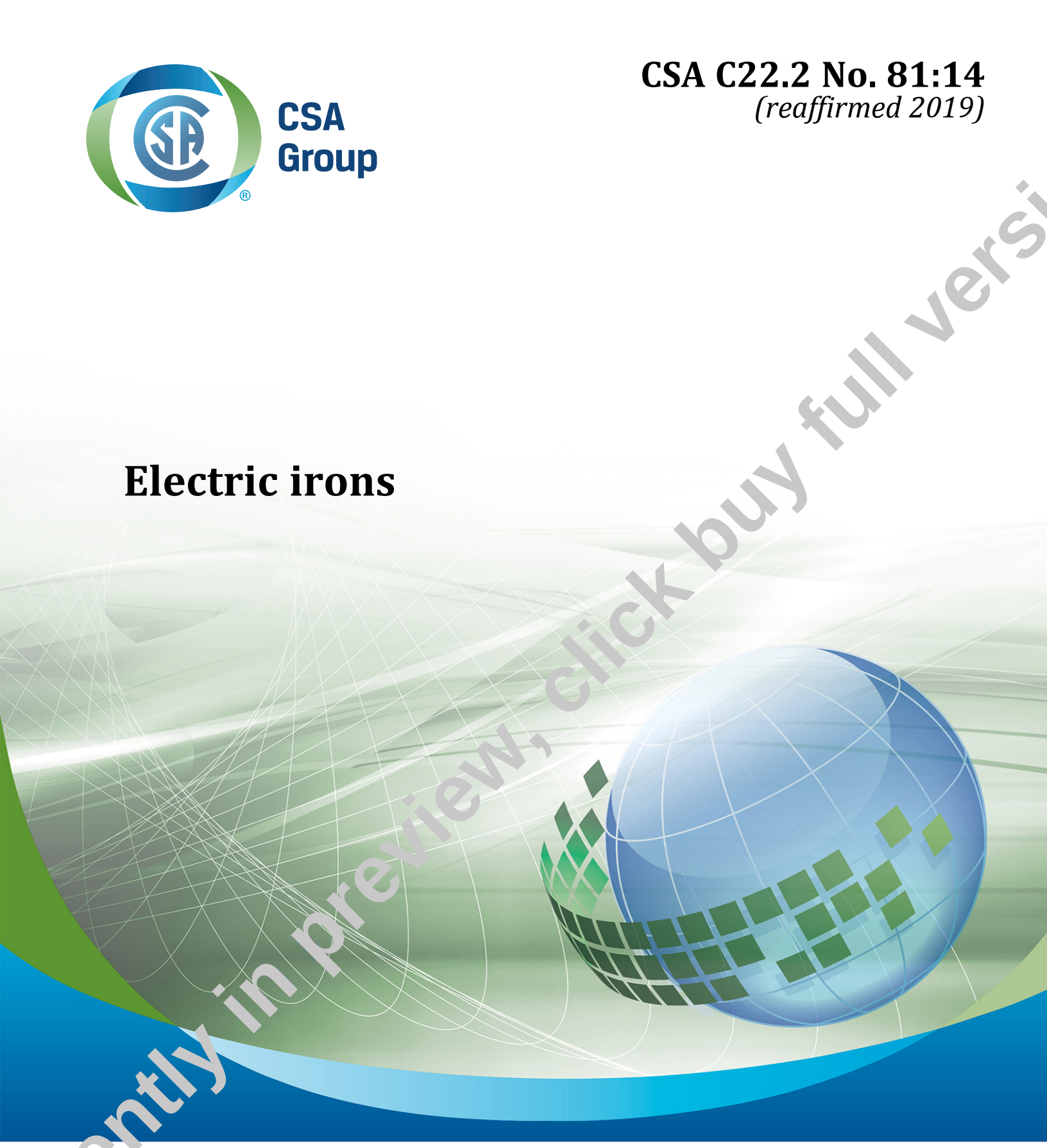
CSA Group

CSA C22.2 No. 81:14
(reaffirmed 2019)

Electric irons



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Preface

This is the fourth edition of CSA C22.2 No. 81, one of a series of Standards issued by the Canadian Standards Association under Part II of the *Canadian Electrical Code*. It is written in SI (metric) units and supersedes the previous editions, published in 1990 and 1979.

This Standard has been revised to incorporate CSA TIL- C37, update reference standards to current versions, replace obsolete CSA No. 0.6 clauses with current CSA No. 0.17 clauses, and other minor editorial changes.

For general information on the Standards of the *Canadian Electrical Code, Part II*, see the Preface of the latest issue of CSA Standard 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 Electric Irons under the jurisdiction of the Technical Committee on Consumer and Commercial Products and the Strategic Steering Committee on Requirements for Electrical Safety, and was 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 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 this 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 five years from the date of publication, and 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.*

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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Electric irons

1 Scope

1.1
This Standard applies to cord-connected household and commercial irons of the steam or dry type, with or without automatic temperature control, for voltages of 250 V and less, designed to be used in accordance with the Rules of the *Canadian Electrical Code, Part I*.

1.2
This Standard applies to irons intended for general household and commercial clothes ironing use in nonhazardous locations.

1.3
This Standard does not apply to toy irons or to steam-producing equipment which is not an integral part of the iron.

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 (nonmandatory) to define their application.

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

CSA Group

B51-14
Boiler, pressure vessel, and pressure piping code

C22.1-12,
Canadian Electrical Code, Part I

