

Electric bench tools



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Revision History

CSA C22.2 No. 71.2:10, Electric bench tools

National Standard of Canada — March 2020

Outside front cover, National Standard of Canada text, and title page.
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Update No. 1

C22.2 No. 71.2-10

October 2010

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Title: *Electric bench tools* — originally published August 2010

The following revisions have been formally approved and are marked by the symbol delta (Δ) in the margin on the attached replacement pages:

Revised	Clause 5.3.10.1.3
New	None
Deleted	None

CSA C22.2 No. 71.2-10 originally consisted of **79 pages** (ix preliminary and 70 text), each dated **August 2010**. It now consists of the following pages:

August 2010	iii–ix, 1–12, and 15–70
October 2010	13 and 14

- Update your copy by inserting these revised pages.
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*Published in August 2010 by CSA Group
A not-for-profit private sector organization
178 Rexdale Boulevard, Toronto, Ontario, Canada M9W 1R3*

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or call toll-free 1-800-463-6727 or 416-747-4044.*

*ICS 25.080
ISBN 978-1-55491-498-2*

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Subcommittee on Safety of Hand-Held Motor-Operated Electric Tools vii

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Preface

This is the fourth edition of CSA C22.2 No. 71.2, *Electric bench tools*. It supersedes the previous editions published in 2008, 1989, and 1985.

This Standard is one of a series of standards issued by the Canadian Standards Association under Part II of the *Canadian Electrical Code*. For general information on the standards of the *Canadian Electrical Code, Part II*, see the Preface of CAN/CSA-C22.2 No. 0.

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 Safety of Hand-Held Motor-Operated Electric Tools, under the jurisdiction of the Technical Committee on Consumer and Commercial Products and the Strategic Steering Committee on the 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."

August 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.
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 - (c) be phrased where possible to permit a specific "yes" or "no" answer.

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C22.2 No. 71.2-10

Electric bench tools

1 Scope

1.1

This Standard applies to single-phase electric tools of the bench type that are intended for use in nonhazardous locations in accordance with the *Canadian Electrical Code, Part I*, that are connected to a nominal system voltage of 240 V or less, and that have a maximum rated input of not more than 3700 W.

1.2

This Standard does not apply to

- (a) tools intended for industrial use;
- (b) tools covered by CSA C22.2 No. 73;
- (c) tools covered by CSA C22.2 No. 105; and
- (d) magnetic drill presses or diamond core drills.

1.3

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.

1.4

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

2 Reference publications

This Standard refers to the following publications, and where such reference is made, it shall be to the edition listed below, including all amendments published thereto.

C22.1-09

Canadian Electrical Code, Part I

CAN/CSA-C22.2 No. 0-M91 (R2006)

General Requirements — Canadian Electrical Code, Part II

CAN/CSA-C22.2 No. 0.4-04 (R2009)

Bonding of electrical equipment

CAN/CSA-C22.2 No. 0.17-00 (R2009)

Evaluation of properties of polymeric materials