



CSA C22.2 No. 60745-2-17:11
(IEC 60745-2-17:2010, MOD)
National Standard of Canada
(reaffirmed 2020)



**Hand-held motor operated electric tools — Safety —
Part 2-17: Particular requirements for routers and trimmers**



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CAN/CSA-C22.2 No. 60745-2-17-11
Third Edition
(IEC 60745-2-17:2010, MOD)



Underwriters Laboratories Inc.
UL 60745-2-17
Third Edition

Hand-held motor-operated electric tools — Safety — Part 2-17: Particular requirements for routers and trimmers

March 25, 2011

This national standard is based on publication IEC 60745-2-17, Third edition (2010).



ANSI/UL 60745-2-17-2011



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Preface

This is the harmonized CSA and UL standard for *Hand-held motor-operated electric tools — Safety — Part 2-17: Particular requirements for routers and trimmers*. It is the third edition of CAN/CSA-C22.2 No. 60745-2-17 and the third edition of UL 60745-2-17. This edition of CAN/CSA-C22.2 No. 60745-2-17 supersedes the previous edition published in 2004. This standard is based on IEC 60745-2-17, third edition.

This harmonized standard was prepared by the Canadian Standards Association (CSA) and Underwriters Laboratories Inc. (UL).

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

This standard was reviewed by the CSA Subcommittee on Safety of Hand-Held Motor-Operated Electric Tools, under the jurisdiction of the CSA Technical Committee on Consumer and Commercial Products and the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the CSA Technical Committee.

This standard has been approved as a National Standard of Canada by the Standards Council of Canada.

This standard has been approved by the American National Standards Institute (ANSI) as an American National Standard.

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Level of harmonization

This standard adopts the IEC text with national differences.

This standard is published as an equivalent standard for CSA and UL. An equivalent standard is a standard that is substantially the same in technical content, except as follows: Technical national differences are allowed for codes and governmental regulations as well as those recognized as being in accordance with NAFTA Article 905, for example, because of fundamental climatic, geographical, technological, or infrastructural factors, scientific justification, or the level of protection that the country considers appropriate. Presentation is word for word except for editorial changes.

All national differences from the IEC text are included in the CSA and UL versions of the standard. While the technical content is the same in each organization's version, the format and presentation may differ.

Reasons for differences from IEC

Differences from the IEC are being added in order to address regulatory situations present in the U.S. and Canada.

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The interpretation by the standards development organization of an identical or equivalent standard is based on the literal text to determine compliance with the standard in accordance with the procedural rules of the standards development organization. If more than one literal interpretation has been identified, a revision is to be proposed as soon as possible to each of the standards development organizations to more accurately reflect the intent.

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The effective date for UL 60745-2-17, Third edition, is February 25, 2014.

Between the present and February 25, 2014, new product submittals to UL must be evaluated under all requirements in this Standard or, if requested in writing, evaluated under presently effective requirements only. The presently effective requirements are contained in the Second Edition of UL 60745-2-17.

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Each national difference contains a description of what the national difference entails. Typically one of the following words is used to explain how the text of the national difference is to be applied to the base IEC text:

Addition/Add — An addition entails adding a complete new numbered clause, subclause, table, figure, or annex. Addition is not meant to include adding select words to the base IEC text.

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Canadian/US National Differences

DV.1 DE *Add the following item to Note 1 of the IEC Foreword:*

The numbering system in the standard uses a space instead of a comma to indicate thousands and uses a comma instead of a period to indicate a decimal point. For example, 1 000 means 1,000 and 1,01 means 1.01.

M.8.12.2DV DR Modification: *Add the following item:*

308) Information explaining the purpose and function of locking the actuator in the OFF position.

M.21.18DV DR Modification: *Add the following paragraph:*

The router table shall be provided with a means to prevent unauthorized use. A two-motion device alone shall not be considered an acceptable means.

Note: Examples of acceptable methods are:

- a) Key-operated switch with a removable key;
- b) Toggle-operated switch with removable toggle;
- c) A means for locking the switch in the OFF position using a padlock;
- d) Electronic keypad lockout device.

Compliance is checked by inspection.



INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Hand-held motor-operated electric tools – Safety –
Part 2-17: Particular requirements for routers and trimmers**

**Outils électroportatifs à moteur – Sécurité –
Partie 2-17: Règles particulières pour les défonceuses et les affleureuses**



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**Hand-held motor-operated electric tools – Safety –
Part 2-17: Particular requirements for routers and trimmers**

**Outils électroportatifs à moteur – Sécurité –
Partie 2-17: Règles particulières pour les défonceuses et les affleureuses**

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HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS – SAFETY –

Part 2-17: Particular requirements for routers and trimmers

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International Standard IEC 60745-2-17 has been prepared by IEC technical committee 116: Safety of hand-held motor-operated electric tools.

This third edition cancels and replaces the second edition published in 2003, of which it constitutes a technical revision. Main changes include: Clause 8: Marking and instructions, addition of some router specific safety warnings, clarifications in Annex K, the addition of Annex M: Safety of working stands for operation with hand-held motor-operated electric tools, and editorial modifications to match with the fourth edition of IEC 60745-1.

The text of this standard is based on the following documents:

FDIS	Report on voting
116/38/FDIS	116/47/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives.

This Part 2-17 is to be used in conjunction with the fourth edition (2006) of IEC 60745-1: *Safety of hand-held motor-operated electric tools – Part 1: General requirements*. It was established on the basis of the fourth edition of that standard.

When this standard states “addition”, “modification” or “replacement”, the relevant text in Part 1 is to be adapted accordingly.

NOTE In this standard, the following print types are used:

- requirements: in roman type;
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Subclauses, tables and figures which are additional to those in Part 1 are numbered starting from 101; additional annexes are lettered AA, BB, etc.

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