



UL 62841-3-9

STANDARD FOR SAFETY

Electric Motor-Operated Hand-Held Tools,
Transportable Tools And Lawn And Garden
Machinery – Safety – Part 3-9: Particular
Requirements For Transportable Mitre Saws

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UL Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-9: Particular Requirements For Transportable Mitre SawsUL 62841-3-9

First Edition, Dated January 13, 2016

Summary of Topics

The revision pages dated April 28, 2017 are being issued to incorporate the following and to reflect the latest ANSI approval date.

- 1. Addition Of Clause 1DV To Modify The Scope Of The Standard By Specifying A 400 mm Saw Blade Diameter**
- 2. Revision To Table 4, Required Performance Levels, And Deletion Of Table 4DV To Align With Changes In IEC Corrigendum 1 Of IEC 62841-3-9**
- 3. Revision To The Marking Requirements in Clause 8.3 To Align With Changes In IEC Corrigendum 2 Of IEC 62841-3-9**

Please note that the national difference document incorporates all of the U.S. national differences for UL 60745-3-9 including the changes to national differences itemized above. This standard is an adoption of IEC UL 62841-3-9, Edition 1 published by the IEC August 2014.

The new requirements are substantially in accordance with Proposal(s) on this subject dated January 27, 2017.

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January 13, 2016

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ANSI/UL 62841-3-9-2017

Approved by



Standards Council of Canada
Conseil canadien des normes

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This ANSI/UL Standard for Safety consists of the First Edition including revisions through April 28, 2017. The most recent designation of ANSI/UL 62841-3-9 as an American National Standard (ANSI) occurred on April 28, 2017. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface. The National Difference Page and IEC Foreword are also excluded from the ANSI approval of IEC-based standards.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL’s On-Line Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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Preface

This is the harmonized CSA Group and UL Standard for Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-9: Particular Requirements For Transportable Mitre Saws. It is the First edition of CAN/CSA-C22.2 No. 62841-3-9 and the First edition of UL 62841-3-9. This harmonized Standard has been jointly revised on April 28, 2017. For this purpose, CSA Group and UL are issuing revision pages dated April 28, 2017.

This harmonized standard is based on IEC Publication 62841-3-9: edition 1, Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-9: Particular Requirements For Transportable Mitre Saws issued 8-2014. IEC publication 62841-3-9 is copyrighted by the IEC.

This harmonized standard was prepared by CSA Group and Underwriters Laboratories Inc. (UL). The efforts and support of the International Harmonization Committee adoption of the IEC series of standards for Hand-Held, Motor-Operated, and Transportable Tools and Lawn and Garden Machinery are gratefully acknowledged.

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 (SCC).

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

Application of Standard

Where reference is made to a specific number of samples to be tested, the specified number is to be considered a minimum quantity.

Note: 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.

This CAN/CSA-C22.2 No. 62841-3-9 Standard for Safety for Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-9: Particular Requirements For Transportable Mitre Saws is to be used in conjunction with the First edition of CAN/CSA-C22.2 No. 62841-1. The requirements for transportable mitre saws are contained in this Part 3 Standard and CAN/CSA-C22.2 No. 62841-1. Requirements of this Part 3 Standard, where stated, amend the requirements of CAN/CSA-C22.2 No. 62841-1. Where a particular subclause of CAN/CSA-C22.2 No. 62841-1 is not mentioned in CAN/CSA-C22.2 No. 62841-3-9, the CAN/CSA-C22.2 No. 62841-1 subclause applies.

This UL Standard 62841-3-9 Standard for Safety for Standard for Safety for Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-9: Particular Requirements For Transportable Mitre Saws, is to be used in conjunction with the First edition of UL

62841-1. The requirements for transportable mitre saws are contained in this Part 3 Standard and UL 62841-1. Requirements of this Part 3 Standard, where stated, amend the requirements of UL 62841-1. Where a particular subclause of UL 62841-1 is not mentioned in UL 62841-3-9, the UL 62841-1 subclause applies.

Level of Harmonization

This standard adopts the IEC text with national differences.

This standard is published as an equivalent standard for CSA Group 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 Group 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

National differences from the IEC are being added in order to address safety and regulatory situations present in the US and Canada.

Interpretations

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 interpretation of the literal text 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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For UL, the text, figures and tables of IEC publication IEC 62841-3-9, Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-9: Particular Requirements For Transportable Mitre Saws, copyright 2014 are used in this standard with the consent of the IEC and the American National Standards Institute (ANSI). The IEC copyrighted material has been reproduced with permission from ANSI. ANSI should be contacted regarding the reproduction of any portion of the IEC material. The IEC Foreword and Introduction are not a part of the requirements of this standard but are included for information purposes only. Copies of IEC Publication IEC 62841-3-9 may be purchased from ANSI, 25 West 43rd Street, 4th Floor, New York, New York, 10036, (212) 642- 4900.

NATIONAL DIFFERENCES

National Differences from the text of the International Electrotechnical Commission (IEC) publication 62841-3-9 (Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-9: Particular Requirements For Transportable Mitre Saws) are indicated by the following notation:

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D2 – These are national differences from IEC requirements based on existing **safety practices**. These requirements reflect national safety practices, where empirical substantiation (for the IEC or national requirement) is not available or the text has not been included in the IEC standard.

DC – These are National Differences based on the **component standards** and will not be deleted until a particular component standard is harmonized with the IEC component standard.

DE – These are National Differences based on **editorial comments or corrections**.

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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