



# UL 60745-2-13

## STANDARD FOR SAFETY

Hand-Held Motor-Operated Electric  
Tools – Safety – Part 2-13: Particular  
Requirements for Chain Saws

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UL Standard for Safety for Hand-Held Motor-Operated Electric Tools – Safety – Part 2-13: Particular Requirements for Chain Saws, UL 60745-2-13

First Edition, Dated December 8, 2011

### **Summary of Topics**

***This revision of ANSI/UL 60745-2-13 dated June 10, 2022 is being issued to address consistency of safety instructions for chainsaws; [1DV.1](#), [K.8.12.1.1DV](#)***

***Please note that the national difference document incorporates all the U.S. national differences for UL 60745-2-13.***

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated November 18, 2016.

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## Hand-Held Motor-Operated Electric Tools – Safety – Part 2-13: Particular Requirements for Chain Saws

December 8, 2011

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ANSI/UL 60745-2-13-2022



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## Preface

This is the harmonized CSA Group and UL standard for Hand-Held Motor-Operated Electric Tools – Safety – Part 2-13: Particular Requirements for Chain Saws. It is the first edition of CAN/CSA C22.2 No. 60745-2-13, and the first edition of UL 60745-2-13. This harmonized standard has been jointly revised on June 10, 2022. For this purpose, CSA Group and UL are issuing revision pages dated June 10, 2022.

This harmonized standard is based on IEC Publication IEC 60745-2-13, edition 2.1 (edition 2:2006 consolidated with amendment 1:2009).

This harmonized standard was prepared by the CSA Group and Underwriters Laboratories Inc. (UL). The efforts and support of the Harmonization Working Group for the Adoption of the IEC Series of Hand-Held, Motor-Operated Tool Standards, 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 developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

## Application of Standard

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

CAN/CSA-C22.2 No. 60745-2-13 is to be used in conjunction with the third edition of CAN/CSA-C22.2 No. 60745-1. The requirements for chain saws are contained in this Part 2 Standard and CAN/CSA-C22.2 No. 60745-1. Requirements of this Part 2 Standard, where stated, amend the requirements of CAN/CSA-C22.2 No. 60745-1. Where a particular subclause of CAN/CSA-C22.2 No. 60745-1 is not mentioned in CAN/CSA-C22.2 No. 60745-2-13, the CAN/CSA-C22.2 No. 60745-1 subclause applies.

UL Standard 60745-2-13 is to be used in conjunction with the fourth edition of UL 60745-1. The requirements for chain saws are contained in this Part 2 Standard and UL 60745-1. Requirements of this Part 2 Standard, where stated, amend the requirements of UL 60745-1. Where a particular subclause of UL 60745-1 is not mentioned in UL 60745-2-13, the UL 60745-1 subclause applies.

## Level of Harmonization

This standard adopts the IEC text with national differences.

This standard is published as an equivalent standard for CSA 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 and safety 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 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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## NATIONAL DIFFERENCES

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There are five types of National Differences as noted below. The difference type is noted on the first line of the National Difference in the standard. The standard may not include all types of these National Differences.

**DR** – These are National Differences based on the **national regulatory requirements**.

**D1** – These are National Differences which are based on **basic safety principles and requirements**, elimination of which would compromise safety for consumers and users of products.

**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:

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