

UL 745-4-36

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Particular Requirements for Battery-Operated Hand Motor Tools

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UL Standard for Safety for Particular Requirements for Battery-Operated Hand Motor Tools, UL 745-4-36

First Edition, Dated March 23, 1995

Revisions: This Standard contains revisions through and including May 5, 2006.

SUMMARY OF TOPICS

The revisions dated May 5, 2006 were issued to reflect the May 5, 2006 ANSI recognition of the standard.

Please note that due to formatting issues, all of the pages of this standard have been assigned a May 5, 2006 date. However, no changes have been made to the requirements, and only the ANSI affirmation date information has been changed.

Text that has been changed in any manner is marked with a vertical line in the margin.

The revisions dated May 5, 2006 include a reprinted title page (page1) for this Standard.

As indicated on the title page (page 1), this UL Standard for Safety is an American National Standard. Attention is directed to the note on the title page of this Standard outlining the procedures to be followed to retain the approved text of this ANSI/UL Standard.

The UL Foreword is no longer located within the UL Standard. For information concerning the use and application of the requirements contained in this Standard, the current version of the UL Foreword is located on ULStandardsInfoNet at: <http://ulstandardsinfo.net/ulforeword.html>

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The requirements in this Standard are now in effect, except for those paragraphs, sections, tables, figures, and/or other elements of the Standard having future effective dates as indicated in the preface. The prior text for requirements that have been revised and that have a future effective date are located after the Standard, and are preceded by a "SUPERSEDED REQUIREMENTS" notice.

New product submittals made prior to a specified future effective date will be judged under all of the requirements in this Standard including those requirements with a specified future effective date, unless the applicant specifically requests that the product be judged under the current requirements. However, if the applicant elects this option, it should be noted that compliance with all the requirements in this Standard will be required as a condition of continued Listing and Follow-Up Services after the effective date, and understanding of this should be signified in writing.

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by
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Commitment for Amendments

This Standard is issued jointly by Canadian Standards Association and Underwriters Laboratories Incorporated. Amendments to this Standard will be made only after processing according to the Standards writing procedures by both Canadian Standards Association and Underwriters Laboratories Incorporated.

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Preface

This is the common CSA and UL Standard for portable battery-operated hand motor tools. It is the first edition of CSA Standard C22.2 No. 745-4-36 *Safety of portable electric tools Part 4: Particular requirements for hand motor tools* and UL 745-4-36 *Safety of portable electric tools Part 4: Particular requirements for hand motor tools*. It is written in SI (metric) units.

This Standard was prepared by Canadian Standards Association and Underwriters Laboratories Inc. and is based on IEC Publication 745-1 (1982) *Safety of hand-held motor-operated electric tools Part 1: General requirements*.

Where a particular clause of the general requirements Standard is not mentioned in this Standard, the clause applies as far as is reasonable. Where this edition states *addition*, *modification*, or *replacement*, the relevant requirement, test specification, or explanatory matter in the general requirements Standard should be adapted accordingly.

If the functions of a tool are covered by different particular Standards, the relevant particular requirements Standard is applied to each function separately, so far as is reasonable. If applicable, the influence of one function on the other is taken into account.

This Standard was reviewed by the CSA Subcommittee on Portable Electric Tools of the Technical Committee on Consumer and Commercial Products under the jurisdiction of the Standards Steering Committee on the Canadian Electrical Code, Part II, and was formally approved by these Committees.

This Standard was processed and reviewed in accordance with the method of development, revision and implementation of UL Standards for safety.

This Standard has been approved by the Standards Council of Canada as a National Standard of Canada and has been approved by the American National Standards Institute (ANSI) as an American National Standard.

CSA Effective Date

The effective date for CSA will be announced through a *CSA Certification Notice*.

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.*

UL Effective Date

As of June 1, 2007, all products Listed or Recognized by UL must comply with the requirements in this Standard.

Between June 1, 2002 and June 1, 2007, new product submittals to UL must be evaluated under all requirements in this standard.

The most recent designation of ANSI/UL 745-4-36 as an American National Standard (ANSI) occurred on May 5, 2006. The ANSI approval for this standard does not include the Cover Page, Transmittal Pages, Title Page, or Preface.