

Subject 62841-3-9

January 27, 2017

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-9: Particular Requirements For Transportable Mitre Saws, UL 62841-3-9, are being proposed:

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

STP BALLOTS AND ALL COMMENTS DUE: March 13, 2017

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

NATIONAL DIFFERENCES AND IEC FOREWORD

The National Difference Page and IEC Foreword have been provided for your reference in reviewing this document. However, they are not considered to be part of the ANSI balloted material.

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1. Proposed Addition Of Clause 1DV To Modify The Scope Of The Standard By Specifying A 400 mm Saw Blade Diameter

RATIONALE

Proposal submitted by: John Stimitz, UL LLC, on behalf of the International Harmonization Committee (IHC) for the adoption of the IEC series of standards for Hand-Held, Motor-Operated, and Transportable Tools and Lawn and Garden Machinery

Presently, the Scope of UL 62841-3-9 limits the blade diameter of a mitre saw covered by the standard to 360 mm or less. However, there are currently mitre saws with blade diameters that exceed this limit and are investigated to the requirements in the Standard for Stationary and Fixed Electric Tools, UL 987. Since the mitre saw requirements in UL 987 will be withdrawn after UL 62841-3-9 becomes effective, the requirements in UL 62841-3-9 will also need to cover saws with blade diameters up to 400 mm.

Accordingly, Clause 1DV is being proposed to be added to the Scope of UL 62841-3-9 to expand the blade diameter requirement to 400 mm or less.

PROPOSAL

1 Scope

This clause of Part 1 is applicable, except as follows:

Addition:

This part of IEC 62841 applies to transportable **mitre saws** intended to be used with a toothed saw blade for cutting wood and analogous materials, plastics and nonferrous metals except magnesium with a saw blade diameter not exceeding 360 mm, which hereinafter might simply be referred to as saw or tool.

This standard does not apply to **mitre saws** intended to cut other metals, such as magnesium, steel and iron. This standard does not apply to **mitre saws** with an automatic feeding device.

NOTE 101 Transportable saws intended to cut ferrous metals will be covered by a future part of IEC 62841-3.

This standard does not apply to saws designed for use with abrasive wheels.

NOTE 102 Transportable tools designed for use with abrasive wheels are covered by IEC 62841-3-10.

This standard does not apply to tools combining the function of a **mitre saw** with the function of a table saw.

NOTE 103 Transportable tools combining the function of a **mitre saw** with the function of a table saw are covered by IEC 62841-3-11.