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ELECTRIC MOTOR-OPERATED HAND-HELD TOOLS, TRANSPORTABLE TOOLS AND LAWN AND GARDEN MACHINERY – SAFETY –

Part 2-17: Particular requirements for hand-held routers

FOREWORD

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IEC 62841-2-17 edition 1.1 contains the first edition (2017-08) [documents 116/335/FDIS and 116/342/RVD] and its amendment 1 (2025-02) [documents 116/858/FDIS and 116/881/RVD].

In this Redline version, a vertical line in the margin shows where the technical content is modified by amendment 1. Additions are in green text, deletions are in strikethrough red text. A separate Final version with all changes accepted is available in this publication.

International Standard IEC 62841-2-17 has been prepared by IEC technical committee 116: Safety of motor-operated electric tools.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

This Part 2-17 is to be used in conjunction with the first edition of IEC 62841-1 (2014).

This Part 2-17 supplements or modifies the corresponding clauses in IEC 62841-1, so as to convert it into the IEC standard: Particular requirements for hand-held routers.

Where a particular subclause of Part 1 is not mentioned in this Part 2-17, that subclause applies as far as relevant. Where this standard states “addition”, “modification” or “replacement”, the relevant text in Part 1 is to be adapted accordingly.

The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

The terms defined in Clause 3 are printed in **bold typeface**.

Subclauses, notes and figures which are additional to those in Part 1 are numbered starting from 101.

A list of all parts of the IEC 62841 series, under the general title: *Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety*, can be found on the IEC website.

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ELECTRIC MOTOR-OPERATED HAND-HELD TOOLS, TRANSPORTABLE TOOLS AND LAWN AND GARDEN MACHINERY – SAFETY –

Part 2-17: Particular requirements for hand-held routers

1 Scope

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

Addition:

This part of IEC 62841 applies to hand-held **routers** intended for cutting slots into or shaping the edge of wood and analogous materials, plastics and non-ferrous metals except magnesium.

NOTE 101 **Routers** that are primarily used for trimming the edge of materials are also known as trimmers.

NOTE 102 **Routers** that are used to cut various materials through the rotary action are also known as rotary cutters.

This part of IEC 62841 does not apply to jointers.

NOTE 103 Jointers are covered by IEC 62841-2-19.

This part of IEC 62841 does not apply to small rotary tools.

NOTE 104 Small rotary tools are covered by IEC 62841-2-23.

2 Normative references

This clause of Part 1 is applicable.

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