

INTERNATIONAL STANDARD

**Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety -
Part 2-24: Particular requirements for hand-held oscillating multifunction tools**

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CONTENTS

FOREWORD	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 General requirements	6
5 General conditions for the tests	6
6 Radiation, toxicity and similar hazards	6
7 Classification	7
8 Marking and instructions	7
9 Protection against access to live parts	7
10 Starting	7
11 Input and current	7
12 Heating	7
13 Resistance to heat and fire	7
14 Moisture resistance	7
15 Resistance to rusting	8
16 Overload protection of transformers and associated circuits	8
17 Endurance	8
18 Abnormal operation	8
19 Mechanical hazards	8
20 Mechanical strength	8
21 Construction	9
22 Internal wiring	9
23 Components	9
24 Supply connection and external flexible cords	9
25 Terminals for external conductors	9
26 Provision for earthing	9
27 Screws and connections	9
28 Creepage distances, clearances and distances through insulation	9
Annexes	10
Annex I (informative) Measurement of noise and vibration emissions	11
Annex K (normative) Battery tools and battery packs	18
Bibliography	19
Figure 101 – Example of an oscillating multifunction tool	6
Figure I.101 – Position(s) of transducer(s) for oscillating multifunction tools	13
Figure I.102 – Test set-up for plunge cut application	14
Figure I.103 – Test set-up for sanding application	15
Figure I.104 – Example of a plunge cut accessory	16
Figure I.105 – Examples of sanding accessories	16
Figure I.106 – Pattern of movement for the tool	17

Table 4 – Required performance levels.....	8
Table I.101 – Test conditions for plunge cut applications	12
Table I.102 – Test conditions for sanding application	13

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**Electric motor-operated hand-held tools, transportable tools
and lawn and garden machinery - Safety -
Part 2-24: Particular requirements for hand-held
oscillating multifunction tools**

FOREWORD

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IEC 62841-2-24 has been prepared by IEC technical committee 116: Safety of motor-operated electric tools. It is an International Standard.

The text of this International Standard is based on the following documents:

Draft	Report on voting
116/931/FDIS	116/937/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

This document is to be used in conjunction with IEC 62841-1:2014 and IEC 62841-1:2014/AMD1:2025.

This document supplements or modifies the corresponding clauses in IEC 62841-1, so as to convert it into the IEC Standard: Particular requirements for hand-held oscillating multifunction tools.

Where a particular subclause of IEC 62841-1 is not mentioned in this document, that subclause applies as far as reasonable. Where this document states "addition", "modification" or "replacement", the relevant text in IEC 62841-1 is to be adapted accordingly.

The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- terms defined in Clause 3: in **bold** type;
- notes: in small roman type.

Subclauses, notes, tables and figures which are additional to those in IEC 62841-1 are numbered starting from 101.

Subclauses, notes, tables and figures in Annex K which are additional to those in the main body of this document are numbered starting from 301.

NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests.

It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 36 months from the date of publication.

A list of all parts in the IEC 62841 series, published 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.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

1 Scope

IEC 62841-1:2014, Clause 1 is applicable, except as follows:

Addition:

This document applies to **oscillating multifunction tools**.

2 Normative references

IEC 62841-1:2014, Clause 2 and IEC 62841-1:2014/AMD1:2025, Clause 2 are applicable, except as follows:

Addition:

IEC 62841-1:2014, *Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements*
IEC 62841-1:2014/AMD1:2025

3 Terms and definitions

IEC 62841-1:2014, Clause 3 and IEC 62841-1:2014/AMD1:2025, Clause 3 are applicable, except as follows:

Addition:

3.101

oscillating multifunction tool

tool with an **accessory** holder such that an attached **accessory** oscillates laterally with a linear amplitude

Note 101 to entry: **Oscillating multifunction tools** are intended to be used with a variety of **accessories** for sawing, grinding, cutting and the like.

Note 102 to entry: An example of an **oscillating multifunction tool** is shown in Figure 101.