

SLOVENSKI STANDARD SIST EN 62841-2-4:2014

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SIST EN 60745-2-4:2010

SIST EN 60745-2-4:2010/A11:2012

Električna motorna ročna orodja, prenosna orodja ter stroji za trato in vrt - Varnost - 2-4. del: Posebne zahteve za ročne brusilnike in polirnike, razen diskovnih brusilnikov

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type

(standards.iteh.ai)

SIST EN 62841-2-4:2014 https://standards.iteh.ai/catalog/standards/sist/c81dce00-a909-4d19-9480-16ed43d2201a/sist-en-62841-2-4-2014

Ta slovenski standard je istoveten z: EN 62841-2-4:2014

ICS:

25.080.50 Brusilni in polirni stroji Grinding and polishing

machines

25.140.20 Električna orodja Electric tools

SIST EN 62841-2-4:2014 en

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM EN 62841-2-4

August 2014

ICS 25.140.20

Supersedes EN 60745-2-4:2009

English Version

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type (IEC 62841-2-4:2014, modified)

Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses - Sécurité - Partie 2-4: Exigences particulières pour les ponceuses et lustreuses portatives, autres que du type à disque (IEC 62841-2-4:2014, modifiée)

Elektrische motorbetriebene handgeführte Werkzeuge, transportable Werkzeuge und Rasen- und Gartenmaschinen - Sicherheit - Teil 2-4: Besondere Anforderungen für handgeführte Schleifer und Polierer außer Tellerschleifern (IEC 62841-2-4:2014, modifiziert)

This European Standard was approved by CENELEC on 2014-05-05. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization Comité Européen de Normalisation Electrotechnique Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of document 116/164/FDIS, future edition 1 of IEC 62841-2-4, prepared by IEC/TC 116 "Safety of motor-operated electric tools" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62841-2-4:2014.

A draft amendment, which covers common modifications to IEC 62841-2-4:2014, was prepared by CLC/TC 116 "Safety of motor-operated electric tools" and approved by CENELEC.

The following dates are fixed:

- latest date by which this document (dop) 2015-05-05
 has to be implemented at national
 level by publication of an identical
 national standard or by endorsement
- latest date by which the national standards conflicting with this document have to be withdrawn

EN 62841-2-4:2014 supersedes EN 60745-2-4:2009 + A11:2011.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

SIST EN 62841-2-4:2014

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

This European Standard is divided into four parts:

- Part 1: General requirements which are common to most hand-held electric motor operated tools (for the purpose of this standard referred to simply as tools) which could come within the scope of this standard;
- Part 2, 3 or 4: Requirements for particular types of tools which either supplement or modify the requirements given in Part 1 to account for the particular hazards and characteristics of these specific tools.

This Part 2-4 is to be used in conjunction with EN 62841-1:201X 1). When this standard states "addition", "modification" or "replacement", the relevant text in Part 1 is to be adapted accordingly.

Compliance with the clauses of Part 1 together with this Part 2-4 provides one means of conforming with the essential health and safety requirements of the Directive concerned.

Warning: Other requirements and other EU Directives can be applicable to the products falling within the scope of this standard.

This European Standard follows the overall requirements of EN ISO 12100.

¹⁾ At draft stage.

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NOTE In this standard the following print types are used:

- requirements proper; in roman type
- test specifications: in italic type;
- explanatory matter: in smaller roman type.

Words in **bold** in the text are defined in clause 3. When a definition concerns an adjective, the adjective and the associated noun are also in bold.

NOTE Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 62841-2-4:2014 are prefixed "Z".

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

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COMMON MODIFICATIONS

Replace the title of Annex I by the following:

Annex I (normative)

Measurement of noise and vibration emissions

Add the following annex:

Annex ZZ (informative)

Coverage of Essential Requirements of Directive 2006/42/EC

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and within its scope the standard covers all relevant Essential Requirements as given in EU Directive 2006/42/EC (Machinery Directive).

Compliance with this standard provides one means of conformity with the specified essential requirements of the Directives concerned. $\begin{tabular}{c} \textbf{PRFVIFW} \end{tabular}$

WARNING: Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard.



IEC 62841-2-4

Edition 1.0 2014-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety standards itch ai Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type

SIST EN 62841-2-4:2014

https://standards.iteh.ai/catalog/standards/sist/c81dce00-a909-4d19-9480-

Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses – Sécurité –

Partie 2-4: Exigences particulières pour les ponceuses et lustreuses portatives, autres que du type à disque

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 62841-2-4 has been prepared by IEC technical committee 116: Safety of motor-operated electric tools.

The text of this standard is based on the following documents:

FDIS	Report on voting
116/164/FDIS	116/178/RVD

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

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

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This Part 2-4 is to be used in conjunction with the first edition of IEC 62841-1 (2014).

This Part 2-4 supplements or modifies the corresponding clauses in IEC 62841-1, so as to convert it into the IEC Standard: Particular requirements for hand-held sanders and polishers other than disc type.

Where a particular subclause of Part 1 is not mentioned in this Part 2-4, that subclause applies as far as reasonable. 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. **TANDARD PREVIEW**

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed, https://standards.iteh.ai/catalog/standards/sist/c81dce00-a909-4d19-9480-16ed43d2201a/sist-en-62841-2-4-2014
- withdrawn,
- replaced by a revised edition, or
- · amended.

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.