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**Električna ročna orodja - Varnost - 2-4. del: Posebne zahteve za peskalnike in brusilnike, ki niso kolutni**

Hand-held motor-operated electric tools - Safety - Part 2-4: Particular requirements for sanders and polishers other than disk type

Handgeführte motorbetriebene Elektrowerkzeuge - Sicherheit - Teil 2-4: Besondere Anforderungen für Schleifer und Polierer außer Tellerschleifern

Outils électroportatifs à moteur - Sécurité - Partie 2-4: Règles particulières pour les ponceuses et les lustreuses autres que du type à disque

<https://standards.iteh.ai/catalog/standards/sist/00e0ad2d-2664-4e49-a381-11e2d700a33f/sist-en-60745-2-4-2010-a11-2012>

**Ta slovenski standard je istoveten z: EN 60745-2-4:2009/A11:2011**

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**ICS:**

25.080.50	Brusilni in polirni stroji	Grinding and polishing machines
25.140.20	Električna orodja	Electric tools

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

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60745-2-4/A11**

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ICS 25.080.50; 25.140.20; 25.140.30

English version

**Hand-held motor-operated electric tools -  
Safety -  
Part 2-4: Particular requirements for sanders and polishers other than  
disk type**

Outils électroportatifs à moteur -  
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This amendment A11 modifies the European Standard EN 60745-2-4:2009; it was approved by CENELEC on 2011-11-14. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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**CENELEC**

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

This document (EN 60745-2-4:2009/A11:2011) has been prepared by CLC/TC 116, "Safety of motor-operated electric tools".

The following dates are fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-11-14
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2014-11-14

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## 6 Environmental requirements

### 6.2.6.3 Operating conditions

Replace the existing Tables Z101 and Z102 by the following:

**Table Z101 - Operating conditions for sanders**

Orientation	Sanding a horizontal steel plate of minimum 400 mm × 400 mm × 20 mm mounted on a bench
Tool bit	Recommended sanding paper for steel with a grain size of 180
Feed force	Vertical force applied in addition to the weight of the tool: - 30 N ± 5 N, if the mass of the tool is less than 1,5 kg; - 50 N ± 5 N, if the mass of the tool is equal or greater than 1,5 kg; or the force necessary to obtain rated input, whichever is the lower.
Pre-test requirements	With a new sanding sheet carry out 1 min sanding before starting measurements

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**Table Z102 - Operating conditions for polishers**

Orientation	Polishing a horizontal steel plate of minimum 400 mm × 400 mm × 20 mm mounted on a bench
Tool bit	Polishing pad
Feed force	Vertical force applied in addition to the weight of the tool: - 30 N ± 5 N, if the mass of the tool is less than 1,5 kg; - 50 N ± 5 N, if the mass of the tool is equal or greater than 1,5 kg; or the force necessary to obtain rated input, whichever is the lower.

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