

საქართველოს სტანდარტი

ხელის ელექტროდანადგარების- უსაფრთხოება - ნაწილი 2-21: სპეციალური მოთხოვნები წყალსადინარი მილების საწმენდელებისათვის (იეკ 60745-2-21:2002/A1:2008)

საქართველოს სტანდარტებისა და
მეტროლოგიის ეროვნული სააგენტო
თბილისი

სსტ ენ 60745-2-21:2009 /A1:2010/2017

საინფორმაციო მონაცემები

1 დამტკიცებულია და შემოღებულია სამოქმედოდ საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს 2017 წლის 13 ნოემბრის № 77 და 2017 წლის 27 ივნისის № 47 განკარგულებებით

2 მიღებულია თავფურცლის თარგმნის მეთოდით სტანდარტიზაციის ევროპული კომიტეტის სტანდარტი ენ 60745-2-21:2009 /A1:2010 „ ხელის ელექტროდანადგარების-უსაფრთხოება - ნაწილი 2-21: სპეციალური მოთხოვნები წყალსადინარი მილების საწმენდელებისათვის (იეკ 60745-2-21:2002/A1:2008)“

3 პირველად

4 რეგისტრირებულია საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2017 წლის 13 ნოემბერი №268-1.3-011986

აკრძალულია ამ სტანდარტის გადაცემა მესამე პირებისათვის ან/და მისი სხვა ფორმით გავრცელება

**Hand-held motor-operated electric tools -
Safety -
Part 2-21: Particular requirements for drain cleaners
(IEC 60745-2-21:2002/A1:2008)**

Outils électroportatifs à moteur -
Sécurité -
Partie 2-21: Règles particulières pour les
curettes
(CEI 60745-2-21:2002/A1:2008)

Handgeführte motorbetriebene
Elektrowerkzeuge -
Sicherheit -
Teil 2-21: Besondere Anforderungen für
Rohrreinigungsgeräte
(IEC 60745-2-21:2002/A1:2008)

This amendment A1 modifies the European Standard EN 60745-2-21:2009; it was approved by CENELEC on 2010-12-01. 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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This amendment 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 Central Secretariat has the same status as the official versions.

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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

The text of amendment 1:2008 to the International Standard IEC 60745-2-21:2002, prepared by TC 116, Safety of hand-held motor-operated electric tools, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to EN 60745-2-21:2009 on 2010-12-01 without any modification.

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

The following dates were 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) 2011-12-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2013-12-01

Endorsement notice

The text of amendment 1:2008 to the International Standard IEC 60745-2-21:2002 was approved by CENELEC as an amendment to the European Standard without any modification.

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Hand-held motor-operated electric tools – Safety –
Part 2-21: Particular requirements for drain cleaners**

**Outils électroportatifs à moteur – Sécurité –
Partie 2-21: Règles particulières pour les curettes**





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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS – SAFETY –

Part 2-21: Particular requirements for drain cleaners

FOREWORD

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This part of International Standard IEC 60745 has been prepared by subcommittee 61F: Safety of hand-held, motor-operated electric tools, of IEC technical committee 61:Safety of household and similar electrical appliances.

This consolidated version of IEC 60745-2-21 consists of the first edition (2002) [documents 61F/483/FDIS and 61F/504/RVD] and its amendment 1 (2008) [documents 61F/739/FDIS and 61F/759/RVD].

The technical content is therefore identical to the base edition and its amendment and has been prepared for user convenience.

It bears the edition number 1.1.

A vertical line in the margin shows where the base publication has been modified by amendment 1.

The French version of this standard has not been voted upon.

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

This part 2 is to be used in conjunction with the latest edition of IEC 60745-1, *Hand-held motor-operated electric tools – Safety – Part 1: General requirements*, and its amendments. It was established on the basis of the third edition (2001) of that standard.

NOTE 1 When “Part 1” is mentioned in this standard, it refers to IEC 60745-1.

This part 2 supplements or modifies the corresponding clauses of IEC 60745-1, so as to convert that publication into the IEC standard: Safety requirements for drain cleaners.

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

NOTE 2 The following numbering system is used:

- subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1;
- additional annexes are lettered AA, BB, etc.

NOTE 3 In this standard, the following print types are used:

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

With amendment 1, this Part 2 is established on the basis of the fourth edition (2006) of IEC 60745-1, *Hand-held motor-operated electric tools – Safety – Part 1: General requirements*.

Main changes include editorial modifications to match with the fourth edition of IEC 60745-1 and clarifications in Annex K.

The committee has decided that the contents of the base publication and its amendments will remain unchanged until the maintenance result 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

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