

საქართველოს სტანდარტი

ხელის ელექტროდანადგარების- უსაფრთხოება - ნაწილი 2-16: მოთხოვნები
ხის სტეპლერისთვის (იეკ 60745-2-16:2008, მოდიფიცირებული)

საქართველოს სტანდარტებისა და მეტროლოგიის
ეროვნული სააგენტო
თბილისი

სსტ ენ 60745-2-16:2010/2017

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 60745-2-16:2010 „ ხელის ელექტროდანადგარების-უსაფრთხოება - ნაწილი 2-16: მოთხოვნები ხის სტეპლერისთვის”

3 პირველად

4 რეგისტრირებულია საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2017 წლის 13 ნოემბერი №268-1.3-011981

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

English version

**Hand-held motor-operated electric tools -
Safety -
Part 2-16: Particular requirements for tackers**
(IEC 60745-2-16:2008, modified)

Outils électroportatifs à moteur -
Sécurité -
Partie 2-16: Règles particulières pour les
agrafeuses
(CEI 60745-2-16:2008, modifiée)

Handgeführte motorbetriebene
Elektrowerkzeuge -
Sicherheit -
Teil 2-16: Besondere Anforderungen für
Tacker
(IEC 60745-2-16:2008, modifiziert)

This European Standard was approved by CENELEC on 2010-10-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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 the International Standard IEC 60745-2-16:2008, prepared by TC 116, Safety of hand-held motor-operated electric tools, together with common modifications prepared by the Technical Committee CENELEC TC 116, Safety of motor-operated electric tools, was submitted to the formal vote and was approved by CENELEC as EN 60745-2-16 on 2010-10-01.

These common modifications are proposed to bring the European Standard in line with the essential health and safety requirements of the Machinery Directive.

This European Standard supersedes EN 50144-2-16:2003.

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 EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2011-10-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2013-10-01 |

Other standards referred to in this European Standard are listed in Clause 2. Clause 2 lists the valid edition of those documents at the time of issue of this EN.

This standard is divided into two 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: 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 European Standard has been prepared under Mandate M/396 given to CENELEC by the European Commission and the European Free Trade Association and covers essential requirements of EC Directive 2006/42/EC. See Annex ZZ.

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

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

This standard follows the overall requirements of EN ISO 12100-1 and EN ISO 12100-2.

This Part 2-16 is to be used in conjunction with EN 60745-1. When this standard states "addition", "modification" or "replacement", the relevant text in Part 1 is to be adapted accordingly.

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

Subclauses, tables and figures which are additional to those in IEC 60745-2-16 are prefixed "Z".

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.

Endorsement notice

The text of the International Standard IEC 60745-2-16:2008 was approved by CENELEC as a European Standard with agreed common modifications as given below.

COMMON MODIFICATIONS

2 Normative references

Replace the existing text by:

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

Additional normative references:

EN 28662-1:1992, Hand-held portable power tools – Measurement of vibrations at the handle – Part 1: General (ISO 8662-1:1988)

EN 61672-1:2003, Electroacoustics - Sound level meters - Part 1: Specifications (IEC 61672-1:2002)

EN ISO 11201:1995 ¹⁾, Acoustics - Noise emitted by machinery and equipment – Measurement of emission sound pressure levels at a work station and at other specified positions – Engineering method in an essentially free field over a reflecting plane (ISO 11201:1995)

CEN ISO/TS 15694:2004, Mechanical vibration and shock - Measurement and evaluation of single shocks transmitted from hand-held and hand-guided machines to the hand-arm system (ISO/TS 15694:2004)

Replace the existing Clause 6 - Void by the following:

6 Environmental requirements

This clause of Part 1 is applicable except as follows:

6.1 Noise

Modification:

All sound pressure levels and sound power levels in 6.1 shall be regarded and measured as single event sound pressure levels and single event sound power levels, normalized to 1 s.

6.1.2.4 Installation and mounting conditions of the power tools during noise tests

Modification:

Measurement shall be carried out on a new, properly serviced and lubricated tool observing the conditions shown in Table Z101.

Tackers which are equipped with an impact force adjustment, shall be adjusted to ensure that

- staples are driven tight or flush with surface,
- nails and pins/brads are driven flush with the surface or countersunk up to 1,0 mm.

Either single actuation or contact actuation shall be chosen.

NOTE A single-actuation system is one in which the trigger needs to be actuated for each driving event.

1) Superseded by EN ISO 11201:2009 “Acoustics - Noise emitted by machinery and equipment - Measurement of emission sound pressure levels at a work station and at other specified positions - Engineering method in an essentially free field over a reflecting plane” (ISO 11201:2005 + corr.1:1997).