# SLOVENSKI STANDARD

# SIST EN 61855:2003

november 2003

Household electrical hair care appliances - Methods of measuring the performance (IEC 61855:2003) / Note: Endorsement notice

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ICS 97.170

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### EUROPEAN STANDARD

EN 61855

## NORME EUROPÉENNE

## EUROPÄISCHE NORM

April 2003

ICS 97.170

English version

### Household electrical hair care appliances -Methods of measuring the performance (IEC 61855:2003)

Appareils électrodomestiques destinés aux soins des cheveux -Méthodes de mesure de l'aptitude à la fonction (CEI 61855:2003) Elektrische Haarpflegegeräte für den Hausgebrauch -Verfahren zur Messung der Gebrauchseigenschaften (IEC 61855:2003)

## iTeh STANDARD PREVIEW (standards.iteh.ai)

This European Standard was approved by CENELEC on 2003-03-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

# CENELEC

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

### Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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#### Foreword

The text of document 59/307/FDIS, future edition 1 of IEC 61855, prepared by IEC TC 59, Performance of household electrical appliances, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61855 on 2003-03-01.

The following dates were fixed:

<ul> <li>latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement</li> </ul>	(dop) 2003-12-01
<ul> <li>latest date by which the national standards conflicting with the EN have to be withdrawn</li> </ul>	(dow) 2006-03-01
Annexes designated "normative" are part of the body of the standard. Annexes designated "informative" are given for information only.	

Annexes designated "informative" are given for information only. In this standard, annex ZA is normative and annexes A and B are informative. Annex ZA has been added by CENELEC.

#### **Endorsement notice**

The text of the International Standard IEC 61855:2003 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60335-2-23 NOTE Harmonized as EN 60335-2-23:1996 (not modified).

<u>SIST EN 61855:2003</u> https://standards.iteh.ai/catalog/standards/sist/f70c317b-4463-410c-bd92a63194cf98a4/sist-en-61855-2003

### Annex ZA

### (normative)

# Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	<u>EN/HD</u>	Year
IEC 60584-2	_ 1)	Thermocouples Part 2: Tolerances	EN 60584-2	1993 <sup>2)</sup>
IEC 60704-2-9	- <sup>3)</sup> iT	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise TANDARD PREVI Part 2-9: Particular requirements for electric hair care appliances 1.21	EW	-
IEC 61254	_ 1) https://st	Electric shavers for household use - Methods for measuring the performance andards.iteh.ai/catalog/standards/sist/1/0c317b-4463-4	EN 61254 10c-bd92-	1994 <sup>2)</sup>
IEC 61592	_ 1)	Household electrical appliances <sup>-003</sup> Guidelines for consumer panel testing	-	-
ISO 2267	1986	Surface active agents - Evaluation of		_

<sup>&</sup>lt;sup>1)</sup> Undated reference.

<sup>&</sup>lt;sup>2)</sup> Valid edition at date of issue.

 $<sup>^{3)}</sup>$  To be published.

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# INTERNATIONAL STANDARD



First edition 2003-01

# Household electrical hair care appliances – Methods of measuring the performance

Appareils électrodomestiques destinés aux soins des cheveux - A R PREVIEW Méthodes de mesure de l'aptitude à la fonction (standards.iteh.ai)

<u>SIST EN 61855:2003</u> https://standards.iteh.ai/catalog/standards/sist/f70c317b-4463-410c-bd92a63194cf98a4/sist-en-61855-2003

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Commission Electrotechnique Internationale International Electrotechnical Commission Международная Электротехническая Комиссия



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### INTERNATIONAL ELECTROTECHNICAL COMMISSION

### HOUSEHOLD ELECTRICAL HAIR CARE APPLIANCES – METHODS FOR MEASURING THE PERFORMANCE

### FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the 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, the IEC publishes International Standards. 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. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards 1.21)
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61855 has been prepared by IEC technical committee 59: Performance of household electrical appliances.

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

FDIS	Report on voting
59/307/FDIS	59/318/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.

The committee has decided that the contents of this publication will remain unchanged until 2005-04. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

### INTRODUCTION

This standard does not deal with hair care appliances with radiant heating or with helmet dryers (see Scope) for the following reasons:

- the test methods are likely to be complicated and expensive and they might not be sufficiently repeatable;
- suitable and or proven test methods are not known at present;
- developing of test methods for these appliances will incur considerable costs;
- the market shares of these appliances are rather small.

National Committees who consider that hair care appliances with radiant heating and helmet dryers should be included into maintainance activities are requested to submit proposals suitable for the corresponding test method.

## iTeh STANDARD PREVIEW (standards.iteh.ai)

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### HOUSEHOLD ELECTRICAL HAIR CARE APPLIANCES – METHODS FOR MEASURING THE PERFORMANCE

### 1 Scope

This International Standard applies to electrical appliances for household and similar use for drying and styling hair (including their accessories).

This standard defines the main performance characteristics that are of interest to the user and specifies methods of measuring these characteristics.

The measuring procedures are developed for comparable tests.

This standard does not specify requirements for performance.

This standard does not cover hair care appliances with radiant heating, helmet-type dryers or cutting devices.

NOTE 1 This standard does not deal with safety requirements (IEC 60335-2-23).

NOTE 2 Due to the influence of environmental conditions, variations in time, origin of test materials and proficiency of the operator, most of the described test methods will give more reliable results when applied for comparative testing of a number of appliances at the same time, in the same laboratory and by the same operator.

### 2 Normative references (standards.iteh.ai)

The following referenced documents ane indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60584-2, Thermocouples – Part 2: Tolerances

IEC 60704-2-9, Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-9: Particular requirements for electrical hair care appliances<sup>1</sup>

IEC 61254, Electric shavers for household use – Methods for measuring the performance

IEC/TR 61592, Household electrical appliances – Guidelines for consumer panel testing

ISO 2267:1986, Surface active agents – Evaluation of certain effects of laundering- Methods of preparation and use of unsoiled cotton control cloth

### 3 Definitions

For the purpose of this document, the following definitions apply.

#### 3.1

#### hairstyling appliance

appliance for styling or curling hairs

NOTE Hairstyling appliances may comprise brushes and combs.

<sup>1</sup> To be published.