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**Gospodinjski in podobni električni aparati - Varnost - 2-8. del: Posebne zahteve za električne brivnike, strižnike za lase in podobno - Dopolnilo A2**

Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke - Teil 2-8: Besondere Anforderungen für Rasiergeräte, Haarschneidemaschinen und ähnliche Geräte

Appareils électrodomestiques et analogues - Sécurité - Partie 2-8: Exigences particulières pour les rasoirs, les tondeuses et appareils analogues

SIST EN 60335-2-8:2015/oprA2:2020  
<https://standards.iteh.ai/catalog/standards/sist/d996b8a4-adc5-4077-87a0-6bb9baddf0d3/sist-en-60335-2-8-2015-kfp2-2020>

**Ta slovenski standard je istoveten z: EN 60335-2-8:2015/prA2:2020**

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**ICS:**

13.120	Varnost na domu	Domestic safety
97.170	Oprema za nego telesa	Body care equipment

**SIST EN 60335-2-8:2016/oprA2:2020**      **en**

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

[SIST EN 60335-2-8:2015/kFprA2:2020](https://standards.iteh.ai/catalog/standards/sist/d996b8a4-adc5-4077-87a0-6bb9baddf0d3/sist-en-60335-2-8-2015-kfpra2-2020)

<https://standards.iteh.ai/catalog/standards/sist/d996b8a4-adc5-4077-87a0-6bb9baddf0d3/sist-en-60335-2-8-2015-kfpra2-2020>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN 60335-2-8:2015**  
**prA2**

April 2020

ICS 13.120; 97.170

English Version

**Household and similar electrical appliances - Safety - Part 2-8:  
Particular requirements for shavers, hair clippers and similar  
appliances  
(IEC 60335-2-8:2012/A2:2018)**

Appareils électrodomestiques et analogues - Sécurité -  
Partie 2-8: Exigences particulières pour les rasoirs, les  
tondeuses et appareils analogues  
(IEC 60335-2-8:2012/A2:2018)

Sicherheit elektrischer Geräte für den Hausgebrauch und  
ähnliche Zwecke - Teil 2-8: Besondere Anforderungen für  
Rasiergeräte, Haarschneidemaschinen und ähnliche  
Geräte  
(IEC 60335-2-8:2012/A2:2018)

This draft amendment prA2, if approved, will modify the European Standard EN 60335-2-8:2015; it is submitted to CENELEC members for enquiry.

Deadline for CENELEC: 2020-07-17.

The text of this draft consists of the text of IEC 60335-2-8:2012/A2:2018.

If this draft becomes an amendment, 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.

This draft amendment was established by CENELEC 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.

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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN 60335-2-8:2015/prA2:2020 (E)****European foreword**

This document (EN 60335-2-8:2015/prA2:2020) consists of the text IEC 60335-2-8:2012/A2:2018 prepared by IEC/TC 61 "Safety of household and similar electrical appliances".

This document is currently submitted to the CENELEC Enquiry.

The following dates are proposed:

- |                                                                                                                                                 |       |                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------|
| • latest date by which the existence of this document has to be announced at national level                                                     | (doa) | dor + 6 months                                               |
| • latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | dor + 12 months                                              |
| • latest date by which the national standards conflicting with this document have to be withdrawn                                               | (dow) | dor + 36 months<br>(to be confirmed or modified when voting) |

This amendment supplements or modifies the corresponding clauses of the standards below:

- EN 60335-1:2012+A11:2014+ A13:2017+A1:2019+A14:2019+A2:2019 (Part 1)
- EN 60335-2-8:2015+A1:2016+A11:2020 (Part 2)

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association. For the relationship with EU Directive see informative Annex ZZ, which is an integral part of this document.

[SIST EN 60335-2-8:2015/kFprA2:2020](https://standards.iteh.ai/catalog/standards/sist/d996b8a4-adc5-4077-87a0-6bb9baddf0d3/sist-en-60335-2-8-2015-kfpra2-2020)  
<https://standards.iteh.ai/catalog/standards/sist/d996b8a4-adc5-4077-87a0-6bb9baddf0d3/sist-en-60335-2-8-2015-kfpra2-2020>

## Annex ZZ (informative)

### Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered

This European Standard has been prepared under a Commission's standardization request relating to harmonized standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

Compliance with this Part 2 when used together with the Part 1 provides one means of conformity with the safety objectives.

## iTeh STANDARD PREVIEW

**Table ZZA.1 – Correspondence between this European Standard  
and Annex I of Directive 2014/35/EU [2014 OJ L96]**

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks/ Notes
1 a)	Clauses 4, 7	None
1 b)	Clauses 4, 7	None
1 c)	Clauses 4, 7	None
2 a)	Clauses 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	None
2 b)	Clauses 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	None
2 c)	Clauses 6, 7, 11, 15, 17, 18, 19, 20, 21, 22, 24, 25, 30, 32	None
2 d)	Clauses 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	None
3 a)	Clauses 6, 7, 11, 17, 18, 19, 20, 21, 22	None
3 b)	Clauses 7, 11, 15, 19, 22, 25, 32	None
3 c)	Clauses 6, 7, 9, 10, 11, 14, 17, 18, 19, 21, 22	None

**WARNING 1** — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

**WARNING 2** — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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

[SIST EN 60335-2-8:2015/kFprA2:2020](https://standards.iteh.ai/catalog/standards/sist/d996b8a4-adc5-4077-87a0-6bb9baddf0d3/sist-en-60335-2-8-2015-kfpra2-2020)

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IEC 60335-2-8

Edition 6.0 2018-11

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

AMENDMENT 2  
AMENDEMENT 2

**Household and similar electrical appliances – Safety –  
Part 2-8: Particular requirements for shavers, hair clippers and similar  
appliances**

**Appareils électrodomestiques et analogues – Sécurité –  
Partie 2-8: Exigences particulières pour les rasoirs, les tondeuses et appareils  
analogues**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

ICS 13.120; 97.170

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Attention! Veuillez vous assurer que vous avez obtenu cette publication via un distributeur agréé.**

## FOREWORD

This amendment has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

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

FDIS	Report on voting
61/5710/FDIS	61/5727/RVD

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

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

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

iTeh STANDARD PREVIEW

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.

[SIST EN 60335-2-8:2015/kFprA2:2020](https://standards.iht.ai/catalog/standards/sist/4996b8a4-ede5-4077-87e0-610b1a1e1306/iec-60335-2-8:2012/oprA2:2020)

It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 12 months or later than 36 months from the date of publication.

### 3 Terms and definitions

*Add the following new definitions:*

#### 3.105

##### **washable clipper**

clipper, the hand-held part of which can be cleaned under water

#### 3.106

##### **wet clipper**

clipper, the hand-held part of which may be used in a bath or shower

#### 3.107

##### **washable epilator**

epilator, the hand-held part of which can be cleaned under water

#### 3.108

##### **wet epilator**

epilator, the hand-held part of which may be used in a bath or shower



## 6 Classification

**6.1** Replace the second paragraph of the modification by the following:

**Washable shavers, wet shavers, washable clippers, wet clippers, washable epilators and wet epilators** shall be **class II** or **class III**.

**6.2** Replace the first sentence of the addition by the following:

**Washable shavers, wet shavers, washable clippers, wet clippers, washable epilators and wet epilators** shall be at least IPX7.

## 7 Marking and instructions

**7.1** In the first paragraph of the addition, replace **washable shavers** by **washable shavers, washable clippers**, and **washable epilators**.

In the second paragraph of the addition, replace **wet shavers** by **wet shavers, wet clippers**, and **wet epilators**.

**7.12** In the penultimate paragraph of the addition, replace “for shavers” by “for appliances” and replace “**washable shavers** or **wet shavers**” by “**washable shavers, wet shavers, washable clippers, wet clippers, washable epilators or wet epilators**”.

In the last paragraph of the addition, replace “**washable shavers**” by “**washable shavers, washable clippers**, and **washable epilators**”.

**7.12.1** Replace the text of the addition by the following:

The instructions for **washable shavers, wet shavers, washable clippers, wet clippers, washable epilators** and **wet epilators**, other than those classified IPX7, shall state that the parts that have to be fixed must be installed so they cannot fall into water.

## 11 Heating

**11.8** Replace the first sentence of the addition by the following:

The temperature rise of parts that are in contact with skin in normal use, or are held in the hand, shall not exceed the limits specified for handles which are continuously held in normal use. The temperature rise of parts of hair clippers or trimmers that are in contact with hair in normal use, and may contact the skin for short periods, shall not exceed the limits specified for handles which in normal use are held for short periods only.

## 20 Stability and mechanical hazards

Replace the text by the following:

This clause of Part 1 is applicable except as follows.

**20.1** Replacement:

Appliances, other than **fixed appliances** and **hand-held appliances** without a charging stand, intended to be used on a surface such as the floor or a table, shall have adequate stability.