



**SLOVENSKI STANDARD**  
**SIST EN 60335-2-**  
**8:2016/oprA2:2020/oprAA:2020**  
**01-junij-2020**

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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 - Dopolnilo AA**

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

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

**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/oprAA:2020** en,fr

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN 60335-2-8:2015/prAA**

April 2020

ICS

English Version

## 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

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

This draft European Standard is submitted to CENELEC members for enquiry.  
Deadline for CENELEC: 2020-07-17.

It has been drawn up by CLC/TC 61.

If this draft becomes a European Standard, 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.

This draft European Standard 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

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## European foreword

This document (EN IEC 60335-2-8:2015/prAA:2020) has been prepared by CLC/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 (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+EN IEC 60335-2-8/A2:2020 (Part 2)

**Secretary Note** : *This standard shall be read in conjunction with EN IEC 60335-2-8:2020/prA2:2020(PR=70934)*

SIST EN 60335-2-8:2015/kFprA12:2020

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 Directives see informative Annexes ZZA and ZZB, which are an integral parts of this document.

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

## EN IEC 60335-2-8:2015/prAA:2020 (E)

**FOR CCMC: THE RATIONAL TEXT of IM SHALL REMAIN DURING THE PUBLIC ENQUIRY and FORMAL VOTE and then the CCMC can remove the box before publication**

**Rational Issue manager:**

This concerns the endorsement of A2 to IEC 60335-2-8:2012 (ed.6) and IEC 60335-2-8:2012/A1:2015.

A2 is based on IEC 60335-1:2010 including A1 and A2.

**Concerning A1 and A2 alterations of IEC part 1:**

7.10 Delete the replacement “Devices, except for those on **animal shearers**, used to start/stop operational functions of the appliance, if any, shall be distinguished from other manual devices by means of shape, or size, or surface texture, or position, etc.”

And move its content to 22.55.

22.12 Delete the addition to Note Z1: **This is not applicable to animal shearers.**

**Concerning the A2 alterations of IEC:**

- 3.105 Addition of definition for washable clipper. No need for CM.  
 3.106 Addition of definition for wet clipper. No need for CM.  
 3.107 Addition of definition for washable epilator. No need for CM.  
 3.108 Addition of definition for wet epilator. No need for CM.  
 6.1 Introduction of washable clippers, wet clippers, washable epilators and wet epilators. No need for CM.  
 6.2 Introduction of washable clippers, wet clippers, washable epilators and wet epilators. No need for CM.  
 7.1 Introduction of washable clippers, wet clippers, washable epilators and wet epilators. No need for CM.  
 7.12 Introduction of washable clippers, wet clippers, washable epilators and wet epilators. No need for CM.  
 7.12.1 Introduction of washable clippers, wet clippers, washable epilators and wet epilators. No need for CM.  
 11.8 Introduction of limits for parts in contact with the skin. No need for CM.  
 20.1 Introduction of exclusion stability test for hand-held appliances with charging stand. No need for CM.  
 20.101 Introduction of drop test for hand-held parts of appliances. No need for CM.  
 22.26 Introduction of washable clippers, wet clippers, washable epilators and wet epilators. No need for CM.  
 22.36 Introduction of washable clippers, wet clippers, washable epilators and wet epilators. No need for CM.  
 22.103 Introduction of washable clippers, wet clippers, washable epilators and wet epilators. No need for CM.  
 25.24 Introduction of washable clippers, wet clippers, washable epilators and wet epilators. No need for CM.

**Secretary note:**

*Annex ZZA has been introduced with AM11 of EN 60335-2-8. So, in this AM is not needed.*

*Annex ZE has been introduced with EN 60335-2-8:2015. So, in this AM is not needed.*

*Annex ZAA has been introduced with EN 60335-2-8:2015. So, in this AM is not needed.*

*Annex ZZB shall be updated with correct layout for part 2-8.*

*Annex ZC is not needed. Part 1 is applicable.*

## 1 Modification to clause 7, "Markings and instructions"

### 7.10 Replacement:

Delete the addition starting with "Devices, except of those ..." ... or surface texture, or position, etc."

<b>Secretary note:</b> the text of 7.10 has been inserted in clause 22.55 with AM2 of IEC 60335-1.
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## 2 Modification to clause 22, "Construction"

### 22.12 Modification

Delete addition to Note Z1.

### 22.55 Replace the first sentence of the first paragraph:

"Devices, except for those on animal shearers, used to stop operational functions of the appliance, if any, shall be distinguished from other manual devices by means of shape, or size, or surface texture, or position, etc."

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## Annex ZZB (Informative)

### Relationship between this European standard and the essential requirements of Directive 2006/42/EC aimed to be covered

Replace the Annex ZZB in part 1 by the following:

This European Standard has been prepared under a Commission's standardization request "M/396 Mandate to CEN and CENELEC for Standardisation in the field of machinery" to provide one voluntary means of conforming to essential requirements of Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast)

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 ZZB.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements 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 relevant essential health and safety requirements.

**Table ZZB.1 – Correspondence between this European standard and Annex I of Directive 2006/42/EC.**  
[OJ No L 157]

Essential Requirements of Directive 2006/42/EC / Annex I / Clause number	Clauses of the EN 60335-series	Remarks / Notes:	Description of requirements
1.1.1	-		Definitions
1.1.2	-	Not applicable	Principles of safety integration
1.1.3	22		Materials and products
1.1.4	-	Not applicable	Lighting
1.1.5	7, 11, 20, 22		Design of machinery to facilitate its handling
1.1.6	11, 22		Ergonomics
1.1.7	22, 32		Operating positions
1.1.8	22	Not applicable	Seating
1.2.1	11, 15, 19, 22, 24		Safety and reliability of control systems
1.2.2	7, 11, 22, 24		Control devices
1.2.3	19, 20, 22, 24		Starting
1.2.4.1	19, 20, 22, 24		Normal stop
1.2.4.2	22		Operational stop
1.2.4.3	22	Not applicable	Emergency stop
1.2.4.4	7, 22		Assembly of machinery
1.2.5	19, 20, 22		Selection of control or operating modes
1.2.6	10, 11, 19, 20, 22		Failure of the power supply
1.3.1	7, 20		Risk of loss of stability



## EN IEC 60335-2-8:2015/prAA:2020 (E)

Essential Requirements of Directive 2006/42/EC / Annex I / Clause number	Clauses of the EN 60335-series	Remarks / Notes:	Description of requirements
1.3.2	7, 19, 21, 31		Risk of break-up during operation
1.3.3	7, 21, 22		Risk due to falling or ejected objects
1.3.4	22		Risks due to surfaces, edges or angles
1.3.5	-	Not applicable	Risks related to combined machinery
1.3.6	7, 11		Risks related to variations in operating conditions
1.3.7	7, 8, 20, 24		Risks related to moving parts
1.3.8.1	8, 20		Moving transmission parts
1.3.8.2	8, 20		Moving parts involved in the process
1.3.9	19, 20		Risk of uncontrolled movements
1.4.1	8, 20, 21, 22, 32		General requirements (for guards and protective devices)
1.4.2.1	8, 20, 22		Special requirements for fixed guards
1.4.2.2	20, 22	Not applicable	Special requirements for interlocking movable guards
1.4.2.3	22		Special requirements for adjustable guards restricting access
1.4.3	20		Special requirements for protective devices
1.5.1	8, 10, 11, 13, 14, 15, 16, 17, 19, 22, 23, 24, 25, 26, 27, 28, 29, 30		Risks due to electricity supply
1.5.2	8, 19, 22		Risks due to static electricity
1.5.3	22	Not applicable	Risks due to energy supply other than electricity
1.5.4	7, 22		Risks due to errors of fitting
1.5.5	7, 11, 19		Risks due to extreme temperatures
1.5.6	11, 19, 30		Risks due to fire
1.5.7	7, 22		Risks due to explosion
1.5.8	7, 22		Risks due to noise
1.5.9	7, 22		Risks due to vibrations
1.5.10	7, 32		Risks due to radiation
1.5.11	19		Risks due to external radiation
1.5.12	7, 32		Risks due to laser radiation
1.5.13	7, 19, 22, 32		Risks due to emissions of hazardous materials and substances
1.5.14	7, 22	Not applicable	Risk of being trapped in a machine
1.5.15	7, 22	Not applicable	Risk of slipping, tripping or falling
1.5.16	-	Not applicable	Risks due to lightning
1.6.1	7, 22		Machinery maintenance