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INTERNATIONAL STANDARD

AMENDMENT 1

Household and similar electrical appliances – Safety -
Part 2-52: Particular requirements for oral hygiene appliances

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IEC Secretariat
3, rue de Varembé
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances

AMENDMENT 1

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Amendment 1 to IEC 60335-2-52:2021 has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

The text of this International Standard is based on the following documents:

Draft	Report on voting
61/7656/FDIS	61/7697/RVD

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

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The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts in the IEC 60335 series, published under the general title *Household and similar electrical appliances - Safety*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

– reconfirmed,
– withdrawn, or
– revised.

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2 Normative references

Add the following new reference:

ISO 20127:2025, *Dentistry - Physical properties of powered toothbrushes*

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3 Terms and definitions

Add, after 3.1, the following new subclause:

3.6 Definitions relating to parts of an appliance

3.6.101
brush head
working end of a toothbrush to which **filaments** are attached

[SOURCE: ISO 20127:2025, 3.1, modified – "an electrically powered" has been deleted.]

3.6.102
filament
single strand within the **brush head**

[SOURCE: ISO 20127:2025, 3.2]

3.6.103
tuft
group of **filaments**, in intimate contact with each other at the plane of securing material, attached to the **brush head**

[SOURCE: ISO 20127:2025, 3.5, modified – "gathered together and" has been replaced by "in intimate contact with each other at the plane of securing material,".]

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7 Marking and instructions

Add, before 7.12.1, the following new subclause:

7.12 *Modification*:

In the fourth paragraph, delete "(including children)*".*

Addition:

The instructions for electric toothbrushes that are intended to be used by all children shall contain the substance of the following:

> This toothbrush is suitable to be used for children.

If electric toothbrushes are intended for children of specific age range, the instructions shall state the intended age range for the toothbrush, and a warning shall be provided against the use of the toothbrush by children under that age range. The instructions for electric toothbrushes intended to be used by children and shaped or decorated like a toy shall include the substance of the following:

> This is not a toy. This is an electrical appliance and must be regularly inspected and maintained by an adult to ensure that it is in correct working order.

NOTE 101 Examples of such enclosures are those representing animals, characters, people or scale models.

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11 Heating

11.8 *Add, after the first paragraph, the following new text:*

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*The temperature rise of **accessible surfaces** of hand-held parts of appliances shall not exceed the limits specified for handles which are continuously held in normal use.*

*The temperature rise of **accessible surfaces** of hand-held parts of toothbrushes intended to be used by children shall not exceed 23 K.*

Table 101 – Maximum temperature rises of external accessible surfaces under normal operating conditions

Replace the existing title of the second column with the following:

Temperature rise of external accessible surfaces, other than surfaces of hand-held parts K

21 Mechanical strength

21.101 *Replace the existing last paragraph with the following:*

The hand-held part of the appliance, including its replacement brush, shall not be damaged to such an extent that compliance with 8.1, 20.2, 22.102 and Clause 29 is impaired.

In addition, if any part becomes loose, it shall not be contained within the small parts cylinder in Figure 13.

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