

# CONSOLIDATED VERSION

# VERSION CONSOLIDÉE



**Household and similar electrical appliances – Safety –  
Part 2-54: Particular requirements for surface-cleaning appliances for household  
use employing liquids or steam**

**Appareils électrodomestiques et analogues – Sécurité –  
Partie 2-54: Règles particulières pour les appareils de nettoyage des surfaces  
à usage domestique, utilisant des liquides ou de la vapeur**



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## VERSION REDLINE



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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

#### Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam

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**This Consolidated version of IEC 60335-2-54 bears the edition number 4.2. It consists of the fourth edition (2008-09) [documents 61/3676/FDIS and 61/3699/RVD], its amendment 1 (2015-08) [documents 61/4867/CDV and 61/4944/RVC] and its amendment 2 (2019-03) [documents 61/5758/FDIS and 61/5793/RVD]. The technical content is identical to the base edition and its amendments.**

**In this Redline version, a vertical line in the margin shows where the technical content is modified by amendments 1 and 2. Additions and deletions are displayed in red, with**

**deletions being struck through. A separate Final version with all changes accepted is available in this publication.**

International Standard IEC 60335-2-54 has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

The principal change in this edition as compared with the third edition of IEC 60335-2-54 is as follows (minor changes are not listed):

The scope has been further restricted to cover appliances where the product of pressure (in MPa) and container volume (in l) does not exceed 5.

This part 2 is to be used in conjunction with the latest edition of IEC 60335-1 and its amendments. It was established on the basis of the fourth edition (2001) of that standard.

NOTE 1 When “Part 1” is mentioned in this standard, it refers to IEC 60335-1.

This part 2 supplements or modifies the corresponding clauses in IEC 60335-1, so as to convert that publication into the IEC standard: Safety requirements for electric surface-cleaning appliances employing liquids or steam.

When a particular subclause of Part 1 is not mentioned in this part 2, that subclause applies as far as is reasonable. When this standard states “addition”, “modification” or “replacement”, the relevant text in Part 1 is to be adapted accordingly.

NOTE 2 The following numbering system is used:

- subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1;
- unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause;
- additional annexes are lettered AA, BB, etc.

NOTE 3 The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

Words in **bold** in the text are defined in Clause 3. When a definition concerns an adjective, the adjective and the associated noun are also in bold.

A list of all parts of the IEC 60335 series, 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 the base publication and its amendments will remain unchanged until the stability date indicated on the IEC web site 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.



NOTE 4 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.

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.

The following differences exist in the countries indicated below.

- 6.1: Hand-held cleaning appliances and parts held in the hand in normal use shall be class II or class III (Netherlands).
- 22.103: The dimensions of the inlet aperture are different (USA).

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