

Household and similar electrical appliances — Safety

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

National foreword

This British Standard is the UK implementation of EN 60335-2-54:2008+A12:2021. It is derived from IEC 60335-2-54:2008 incorporating amendments A1:2015 and A2:2019. It supersedes BS EN 60335-2-54:2008+A1:2015, which will be withdrawn on 1 December 2024.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by **A1** and text altered by IEC amendment 2 is indicated by **A2**.

Where a common modification has been introduced by CENELEC amendment, the tags carry the number of the amendment. For example, the common modifications introduced by CENELEC amendment A11 are indicated by **C11**.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to text carry the number of the CENELEC amendment. For example, text altered by CENELEC amendment A12 is indicated by **A12**.

The UK participation in its preparation was entrusted to Technical Committee CPL/61/1, Motorised appliance group.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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For the Great Britain market (England, Scotland and Wales), if UK Government has designated this publication for conformity with UKCA marking (or similar) legislation, it may contain an additional National Annex. Where such a National Annex exists, it shows the correlation between this publication and the relevant UK legislation. If there is no National Annex of this kind, the relevant Annex ZA or ZZ in the body of the European text will indicate the relationship to UK regulation.

applicable in Great Britain. References to EU legislation may need to be read in accordance with the UK designation and the applicable UK law. Further information on designated standards can be found at www.bsigroup.com/standardsandregulation.

For the Northern Ireland market, UK law will continue to implement relevant EU law subject to periodic confirmation. Therefore Annex ZA/ZZ in the European text, and references to EU legislation, are still valid for this market.

UK Government is responsible for legislation. For information on legislation and policies relating to that legislation, consult the relevant pages of www.gov.uk.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
31 January 2013	Implementation of CENELEC amendment A11:2012
28 February 2015	Implementation of CENELEC corrigendum January 2015. Replacement of withdrawal date in National Foreword and Foreword to amendment A11
30 November 2015	Implementation of IEC amendment 1:2015 with CENELEC endorsement A1:2015
31 May 2022	Implementation of IEC amendment 2:2019 with CENELEC endorsement A2:2021
31 May 2022	Implementation of CENELEC amendment A12:2021

English version

**Household and similar electrical appliances -
Safety -
Part 2-54: Particular requirements for surface-cleaning appliances
for household use employing liquids or steam
(IEC 60335-2-54:2008)**

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
(CEI 60335-2-54:2008)

Sicherheit elektrischer Geräte
für den Hausgebrauch
und ähnliche Zwecke -
Teil 2-54: Besondere Anforderungen
für Geräte zur Oberflächenreinigung
mit Flüssigkeiten oder Dampf
(IEC 60335-2-54:2008)

This European Standard was approved by CENELEC on 2008-10-01. 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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

Foreword

The text of document 61/3676/FDIS, future edition 4 of IEC 60335-2-54, prepared by IEC Technical Committee 61, Safety of household and similar electrical appliances, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60335-2-54 on 2008-10-01.

This European Standard supersedes EN 60335-2-54:2003 + A1:2004 + A11:2006 + A2:2007.

The following dates are applicable:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2009-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2013-10-01

This part 2 has to be used in conjunction with EN 60335-1, Household and similar electrical appliances – Safety – Part 1: General requirements. It was established on the basis of the 2002 edition of that standard. Amendments and revisions of Part 1 have also to be taken into account and the dates when such changes become applicable will be stated in the relevant amendment of revision of Part 1.

This part 2 supplements or modifies the corresponding clauses in EN 60335-1, so as to convert it into the European 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 1 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.
- subclauses, notes and annexes that are additional to those in the IEC standard are prefixed with the letter Z.

NOTE 2 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.

There are no special national conditions causing a deviation from this European Standard, other than those listed in Annex ZA to EN 60335-1.

There are no national deviations from this European Standard, other than those listed in Annex ZB to EN 60335-1.

p NOTE In this document, p is used in the margin to indicate instructions for preparing the printed version.

Introduction

 Text deleted 

Endorsement notice

The text of the International Standard IEC 60335-2-54:2008 was approved by CENELEC as a European Standard without any modification.

Bibliography

p Add the following notes to the standards mentioned:

IEC 60335-2-10	NOTE Harmonized as EN 60335-2-10:2003 (not modified).
IEC 60335-2-79	NOTE Harmonized as EN 60335-2-79:2002 (modified).
IEC 60335-2-85	NOTE Harmonized as EN 60335-2-85:2003 (not modified).
ISO 13732-1	NOTE Harmonized as EN ISO 13732-1:2008 (not modified).

Foreword to amendment A11

This document (EN 60335-2-54:2008/A11:2012) has been prepared by CLC/TC 61 "Safety of household and similar electrical appliances".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-05-30
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2016-04-30

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights. This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

This amendment supplements or modifies the corresponding clauses of EN 60335-1:2012 and EN 60335-2-54:2008.

There are no special national conditions causing a deviation from this amendment.

There are no national deviations from this amendment.

Foreword to amendment A1

The text of document 61/4867/CDV, future IEC 60335-2-54:2008/A1 prepared by IEC/TC 61 "Safety of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60335-2-54:2008/A1:2015.

The following dates are fixed:

- latest date by which the document has to be (dop) 2016-06-09
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2018-09-09
standards conflicting with the
document have to be withdrawn

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This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

Endorsement notice

The text of the International Standard IEC 60335-2-54:2008/A1:2015 was approved by CENELEC as a European Standard without any modification.

In the Bibliography of EN 60335-2-54:2008, **delete** the following note for the standard indicated:

ISO 13732-1 NOTE Harmonized as EN ISO 13732-1.

European foreword to amendment A2

This document (EN 60335-2-54:2008/A2:2021) consists of the text of IEC 60335-2-54:2008/A2:2019 prepared by IEC/TC 61 “Safety of household and similar electrical appliances”.

The following dates are fixed:

- latest date by which this document has to be (dop) 2022-12-01
implemented at national level by publication of an
identical national standard or by endorsement
- latest date by which the national standards conflicting (dow) 2024-12-01
with this document have to be withdrawn

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This document is read in conjunction with EN 60335-2-54:2008/A12:2021.

This document has been prepared under a Standardization Request given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For relationship with EU Directive(s) / Regulation(s), see informative Annex ZZA, which is an integral part of EN 60335-2-54:2008/A12:2021.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 60335-2-54:2008/A2:2019 was approved by CENELEC as a European Standard without any modification.

European foreword to amendment A12

This document (EN 60335-2-54:2008/A12:2021) has been prepared by CLC/TC 61, "Safety of household and similar electrical appliances".

The following dates are fixed:

latest date by which this document has to be implemented	(dop)	2022-09-20
at national level by publication of an identical national standard or by endorsement		

latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2024-09-20
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This document is read in conjunction with EN 60335-2-54:2008/A2:2021.

The numbering system for European clauses, subclauses, notes, tables, figures and annexes that are additional to those in the IEC standard are prefixed with the letter "Z".

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

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For the relationship with EU Directive(s) see informative Annex ZZA, which is an integral part of this document.