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**BS EN 60734:2012**



**BSI Standards Publication**

# **Household electrical appliances — Performance — Water for testing**

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This British Standard is the UK implementation of EN 60734:2012. It is identical to IEC 60734:2012. It supersedes BS EN 60734:2003 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee CPL/59, Performance of household electrical appliances, to Subcommittee CPL/59/1, Dishwashers and washing machines.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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

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#### **Amendments issued since publication**

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English version

**Household electrical appliances -  
Performance -  
Water for testing  
(IEC 60734:2012)**

Appareils électrodomestiques -  
Aptitude à la fonction -  
Eau pour les essais  
(CEI 60734:2012)

Elektrische Geräte  
für den Hausgebrauch -  
Gebrauchseigenschaften -  
Wasser für Prüfungen  
(IEC 60734:2012)

This European Standard was approved by CENELEC on 2012-08-01. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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**CENELEC**

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

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## Foreword

The text of document 59D/398/FDIS, future edition 4 of IEC 60734, prepared by SC 59D, Home laundry appliances, of IEC TC 59, Performance of household and similar electrical appliances was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60734:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-05-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-08-01

This document supersedes EN 60734:2003.

EN 60734:2012 includes the following significant technical changes with respect to EN 60734:2003:

- a) four types of standard water, from soft to very hard, are defined with specification for hardness, **alkalinity** and **conductivity**;
- b) preparation method A is no longer maintained; and
- c) method C3 is added to prepare water of specified hardness, **conductivity** and **alkalinity** starting with natural water while the natural water based methods C1 and C2 focus on **water hardness** only, without allowing control or setting of **alkalinity** and **conductivity**.

Words in **bold** in the text are defined in Clause 3.

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.

## Endorsement notice

The text of the International Standard IEC 60734:2012 was approved by CENELEC as a European Standard without any modification.

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**ANNEX ZA**  
(normative)

**Normative references to international publications  
with their corresponding European publications**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 6059	-	Water quality - Determination of the sum of calcium and magnesium - EDTA titrimetric method	-	-
ISO 7888	-	Water quality - Determination of electrical conductivity	EN 27888	-
ISO 9963-1	-	Water quality - Determination of alkalinity - Part 1: Determination of total and composite alkalinity	EN ISO 9963-1	-
ISO 10523	-	Water quality - Determination of pH	EN ISO 10523	-

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