

STN	Elektrické spotrebiče pre domácnosť a na podobné účely Skúšobný predpis na stanovenie hluku prenášaného vzduchom Časť 2-14: Osobitné požiadavky na chladničky, konzervátory zmrazených potravín a mrazničky potravín Zmena A1	STN EN 60704-2-14/A1 36 1005
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Household and similar electrical appliances. Test code for the determination of airborne acoustical noise. Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/19

STN EN 60704-2-14 z decembra 2013 sa bez tejto zmeny A1 môže používať do 3. 5. 2022.

Obsahuje: EN 60704-2-14:2013/A1:2019, IEC 60704-2-14:2013/AMD1:2019

129318

EUROPEAN STANDARD

EN 60704-2-14:2013/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2019

ICS 17.140.20; 97.040.20

English Version

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers
(IEC 60704-2-14:2013/A1:2019)

Appareils électrodomestiques et analogues - code d'essai pour la détermination du bruit aérien - Partie 2-14: Exigences particulières pour les réfrigérateurs, conservateurs et congélateurs
(IEC 60704-2-14:2013/A1:2019)

Elektrische Geräte für den Hausgebrauch und ähnliche Zwecke - Prüfvorschrift für die Bestimmung der Luftschallemission - Teil 2-14: Besondere Anforderungen an Kühlgeräte, Tiefkühlgeräte und Gefriergeräte
(IEC 60704-2-14:2013/A1:2019)

This amendment A1 modifies the European Standard EN 60704-2-14:2013; it was approved by CENELEC on 2019-05-03. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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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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

EN 60704-2-14:2013/A1:2019 (E)**European foreword**

The text of document 59M/104/FDIS, future IEC 60704-2-14/A1, prepared by SC 59M "Performance of electrical household and similar cooling and freezing 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 60704-2-14:2013/A1:2019.

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) 2020-02-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-05-03

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.

Endorsement notice

The text of the International Standard IEC 60704-2-14:2013/A1:2019 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62552-1	NOTE	Harmonized as EN 62552-1 ¹
IEC 62552-2	NOTE	Harmonized as EN 62552-2 ²
IEC 62552-3	NOTE	Harmonized as EN 62552-3 ³

¹ Under preparation. Stage at time of publication: prEN 62552-1:2018.

² Under preparation. Stage at time of publication: prEN 62552-2:2018.

³ Under preparation. Stage at time of publication: prEN 62552-3:2018.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60038 (mod)	2009	IEC standard voltages	EN 60038	2011
IEC 60704-3	2006	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 3: Procedure for determining and verifying declared noise emission values	EN 60704-3	2006
IEC 61260	1995	Electroacoustics - Octave-band and fractional-octave-band filters	EN 61260	1995
IEC 61672-1	2002	Electroacoustics - Sound level meters -- Part 1: Specifications	-	-
ISO 3741	1999	Acoustics - Determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms	-	-
ISO 3743-1	2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for small movable sources in reverberant fields - Part 1: Comparison method for a hard-walled test room	EN ISO 3743-1	2010
ISO 3743-2	1994	Acoustics - Determination of sound power levels of noise sources - Engineering methods for small, movable sources in reverberant fields using sound pressure -- Part 2: Methods for special reverberation test rooms	EN ISO 3743-2	2009
ISO 3744	2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane	EN ISO 3744	2010

EN 60704-2-14:2013/A1:2019 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 3745	2003	Acoustics - Determination of sound power levels of noise sources using sound pressure - Precision methods for anechoic and hemi-anechoic rooms	-	-
ISO 6926	1999	Acoustics - Requirements for the performance and calibration of reference sound sources used for the determination of sound power levels	-	-
ISO 12001	1996	Acoustics - Noise emitted by machinery and equipment - Rules for the drafting and presentation of a noise test code	EN ISO 12001	2009



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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**Household and similar electrical appliances – Test code for the determination of airborne acoustical noise –
Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers**

**Appareils électrodomestiques et analogues – Code d'essai pour la détermination du bruit aérien –
Partie 2-14: Exigences particulières pour les réfrigérateurs, conservateurs et congélateurs**

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Edition 2.0 2019-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**Household and similar electrical appliances – Test code for the determination of airborne acoustical noise –
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Partie 2-14: Exigences particulières pour les réfrigérateurs, conservateurs et congélateurs**

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FOREWORD

This amendment has been prepared by subcommittee 59M: Performance of electrical household and similar cooling and freezing appliances, of IEC technical committee 59: Performance of household and similar electrical appliances.

The text of this amendment is based on the following documents:

FDIS	Report on voting
59M/104/FDIS	59M/105/RVD

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website 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.

1.1.3 Size of the source

Replace the existing content with the following new content:

The method specified in ISO 3744 is applicable to noise sources of any size. When applying ISO 3743-1 and ISO 3743-2, care should be taken to ensure that the maximum size of the refrigerator, frozen-food storage cabinet or food freezer under test fulfils the requirements specified in 1.2 of ISO 3743-1:2010 and 1.3 of ISO 3743-2:1994.

2 Normative references

Replace the existing content with the following:

This clause of Part 1 is applicable except as follows:

Addition:

ISO 3743-1:2010, *Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Engineering methods for small movable sources in reverberant fields – Part 1: Comparison method for a hard-walled test room*

ISO 3744:2010, *Acoustics – Determination of sound power levels and sound energy levels of a noise sources using sound pressure – Engineering methods for an essentially free field over a reflecting pane*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN