



**NSAI**  
Standards

Irish Standard  
I.S. EN 60068-2-64:2008

# Environmental testing -- Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance (IEC 60068-2 -64:2008 (EQV))

## I.S. EN 60068-2-64:2008

*Incorporating amendments/corrigenda issued since publication:*

<i>This document replaces:</i> I.S. EN 60068-2-64:1994	<i>This document is based on:</i> EN 60068-2-64:2008 EN 60068-2-64:1994	<i>Published:</i> 12 September, 2008 27 January, 1995
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**I.S. EN 60068-2-64:2008**

**EUROPEAN STANDARD**

**EN 60068-2-64**

**NORME EUROPÉENNE**

**EUROPÄISCHE NORM**

September 2008

ICS 19.040

Supersedes EN 60068-2-64:1994

English version

**Environmental testing -  
Part 2-64: Tests -  
Test Fh: Vibration, broadband random and guidance  
(IEC 60068-2-64:2008)**

Essais d'environnement -  
Partie 2-64: Essais -  
Essai Fh: Vibrations aléatoires  
à large bande et guide  
(CEI 60068-2-64:2008)

Umgebungseinflüsse -  
Teil 2-64: Prüfverfahren -  
Prüfung Fh: Schwingen,  
Breitbandrauschen (digital geregelt)  
und Leitfaden  
(IEC 60068-2-64:2008)

This European Standard was approved by CENELEC on 2008-07-01. 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**

## I.S. EN 60068-2-64:2008

EN 60068-2-64:2008

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### Foreword

The text of document 104/456/FDIS, future edition 2 of IEC 60068-2-64, prepared by IEC TC 104, Environmental conditions, classification and methods of test, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60068-2-64 on 2008-07-01.

This European Standard supersedes EN 60068-2-64:1994.

The major changes with regard to EN 60068-2-64:1994 concern the removal of Method 1 and Method 2, replaced by a single method, and replacement of Annex A with suggested test spectra and removal of Annex C.

Also included in this revision is the testing of soft packed specimens.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2009-04-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2011-07-01

Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 60068-2-64:2008 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 61373	NOTE Harmonized as EN 61373:1999 (not modified).
ISO/IEC 17025	NOTE Harmonized as EN ISO/IEC 17025:2005 (not modified).

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## Annex ZA (normative)

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

The following referenced documents are indispensable for the application 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 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>
IEC 60050-300	- <sup>1)</sup>	International Electrotechnical Vocabulary - Electrical and electronic measurements and measuring instruments - Part 311: General terms relating to measurements - Part 312: General terms relating to electrical measurements - Part 313: Types of electrical measuring instruments - Part 314: Specific terms according to the type of instrument	-	-
IEC 60068-1	- <sup>1)</sup>	Environmental testing - Part 1: General and guidance	EN 60068-1	1994 <sup>2)</sup>
IEC 60068-2-6	- <sup>1)</sup>	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	2008 <sup>2)</sup>
IEC 60068-2-47	2005	Environmental testing - Part 2-47: Tests - Mounting of specimens for vibration, impact and similar dynamic tests	EN 60068-2-47	2005
IEC 60068-3-8	2003	Environmental testing - Part 3-8: Supporting documentation and guidance - Selecting amongst vibration tests	EN 60068-3-8	2003
IEC 60068-5-2	- <sup>1)</sup>	Environmental testing - Part 5: Guide to drafting of test methods - Terms and definitions	EN 60068-5-2	1999 <sup>2)</sup>
IEC 60721-3	Series	Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities	EN 60721-3	Series
IEC Guide 104	- <sup>1)</sup>	The preparation of safety publications and the - use of basic safety publications and group safety publications	-	-
ISO 2041	- <sup>1)</sup>	Vibration and shock - Vocabulary	-	-

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.



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