



National Standards Authority of Ireland
Údarás um Chaighdeáin Náisiúnta na hÉireann

IRISH STANDARD

I.S. EN 60068-2-6:2008

ICS 19.040

**ENVIRONMENTAL TESTING -- PART 2-6:
TESTS - TEST FC: VIBRATION
(SINUSOIDAL) (IEC 60068-2-6:2007 (EQV))**

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I.S. EN 60068-2-6:2008

EUROPEAN STANDARD

EN 60068-2-6

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2008

ICS 19.040

Supersedes EN 60068-2-6:1995

English version

**Environmental testing -
Part 2-6: Tests -
Test Fc: Vibration (sinusoidal)
(IEC 60068-2-6:2007)**

Essais d'environnement -
Partie 2-6: Essais -
Essai Fc: Vibrations (sinusoïdales)
(CEI 60068-2-6:2007)

Umgebungseinflüsse -
Teil 2-6: Prüfverfahren -
Prüfung Fc: Schwingen (sinusförmig)
(IEC 60068-2-6:2007)

This European Standard was approved by CENELEC on 2008-02-01. 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

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Foreword

The text of document 104/439/FDIS, future edition 7 of IEC 60068-2-6, 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 60068-2-6 on 2008-02-01.

This European Standard supersedes EN 60068-2-6:1995.

The major changes with regard to EN 60068-2-6:1995 concern:

- the agreed wording from IEC technical committee 104 meeting held in Stockholm:2000 on the testing of soft packages;
- reference to the latest version of EN 60068-2-47: Mounting;
- simplification of the layout of the standard by replacing some tables with text;
- addition of the test report requirements (see Clause 13).

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) | 2008-11-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2011-02-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60068-2-6:2007 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

| | |
|----------------|---|
| IEC 60068-2-64 | NOTE Harmonized as EN 60068-2-64:1994 (not modified). |
|----------------|---|

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 60068-1 | - ¹⁾ | Environmental testing - Part 1: General and guidance | EN 60068-1 | 1994 ²⁾ |
| IEC 60068-2-47 | - ¹⁾ | Environmental testing - Part 2-47: Tests - Mounting of specimens for vibration, impact and similar dynamic tests | EN 60068-2-47 | 2005 ²⁾ |
| IEC 60721-3 | Series | Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities | EN 60721-3 | Series |
| ISO 2041 | - ¹⁾ | Vibration and shock - Vocabulary | - | - |
| ISO/IEC 17025 | 2005 | General requirements for the competence of testing and calibration laboratories | EN ISO/IEC 17025 | 2005 |

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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