



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60068-2-80:2005**

ICS 19.040  
29.020

**ENVIRONMENTAL TESTING - PART 2-80:  
TESTS - TEST FI: VIBRATION - MIXED MODE  
(IEC 60068-2-80:2005)**

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EUROPEAN STANDARD

**EN 60068-2-80**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2005

ICS 19.040; 29.020

English version

**Environmental testing**  
**Part 2-80: Tests –**  
**Test Fi: Vibration –**  
**Mixed mode**  
(IEC 60068-2-80:2005)

Essais d'environnement  
Partie 2-80: Essais –  
Essai Fi: Vibration - Mode mixte  
(CEI 60068-2-80:2005)

Umgebungseinflüsse  
Teil 2-80: Prüfverfahren –  
Prüfung Fi: Mixed-Mode Vibrationsprüfung  
(IEC 60068-2-80:2005)

This European Standard was approved by CENELEC on 2005-06-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and 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 104/363/FDIS, future edition 1 of IEC 60068-2-80, 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 60068-2-80 on 2005-06-01.

The following dates were fixed:

- |  |       |            |
|--|-------|------------|
| – latest date by which the EN has to be implemented<br>at national level by publication of an identical<br>national standard or by endorsement | (dop) | 2006-03-01 |
| – latest date by which the national standards conflicting<br>with the EN have to be withdrawn  | (dow) | 2008-06-01 |

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60068-2-80:2005 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:

ISO/IEC 17025    NOTE    Harmonized as EN ISO/IEC 17025:2000 (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 Where 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	2001	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	1988	Environmental testing Part 1: General and guidance	EN 60068-1 <sup>1)</sup>	1994
IEC 60068-2-6 + corr. March	1995 1995	Part 2: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	1995
IEC 60068-2-47	1999	Part 2-47: Test methods - Mounting of components, equipment and other articles for vibration, impact and similar dynamic tests	EN 60068-2-47 <sup>2)</sup>	1999
IEC 60068-2-64 + corr. October	1993 1993	Part 2: Test methods - Test Fh: Vibration, broad-band random (digital control) and guidance	EN 60068-2-64	1994
IEC 60068-3-8	2003	Part 3-8: Supporting documentation and guidance - Selecting amongst vibration tests	EN 60068-3-8	2003
IEC 60068-5-2	1990	Part 5: Guide to drafting of test methods - Terms and definitions	EN 60068-5-2	1999
ISO 2041	1990	Vibration and shock - Vocabulary	-	-

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<sup>1)</sup> EN 60068-1 includes corrigendum 1988 + A1:1992 to IEC 60068-1.

<sup>2)</sup> EN 60068-2-47:1999 is superseded by EN 60068-2-47:2005, which is based on IEC 60068-2-47:2005.



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