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IRISH STANDARD

I.S. EN 60068-2-1:2007

ICS 19.040

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ENVIRONMENTAL TESTING -- PART 2-1: TESTS - TEST A: COLD (IEC 60068-2-1:2007 (EQV))

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60068-2-1

April 2007

ICS 19.040

Supersedes EN 60068-2-1:1993 + A1:1993 + A2:1994

English version

Environmental testing - Part 2-1: Tests - Test A: Cold

(IEC 60068-2-1:2007)

Essais d'environnement - Partie 2-1: Essais - Essai A: Froid (CEI 60068-2-1:2007)

Umgebungseinflüsse - Teil 2-1: Prüfverfahren - Prüfung A: Kälte (IEC 60068-2-1:2007)

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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.

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CENELEC

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

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Foreword

The text of document 104/407/FDIS, future edition 6 of IEC 60068-2-1, 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 60068-2-1 on 2007-04-01.

This European Standard supersedes EN 60068-2-1:1993 + A1:1993 + A2:1994.

EN 60068-2-1:2007 deals with cold tests applicable both to non heat-dissipating and heat-dissipating specimens. For non heat-dissipating specimens, Tests Ab and Ad do not deviate essentially from earlier issues. Test Ae has been added primarily for testing equipment that requires being operational throughout the test including the conditioning periods.

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)	2008-01-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2010-04-01

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 60068-2-1:2007 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 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.

Publication	Year	Title	EN/HD	Year
IEC 60068-1	1988	Environmental testing - Part 1: General and guidance	EN 60068-1[1)]	1994
IEC 60068-2-14	-[2)]	Environmental testing - Part 2: Tests - Test N: Change of temperature	EN 60068-2-14	1999[3)]
IEC 60068-3-1	-[2)]	Environmental testing - Part 3: Background information - Section 1: Cold and dry heat tests	EN 60068-3-1	1999[3)]
IEC 60068-3-5	-[2)]	Environmental testing - Part 3-5: Supporting documentation and guidance - Confirmation of the performance of temperature chambers	EN 60068-3-5	2002[3)]
IEC 60068-3-7	-[2)]	Environmental testing - Part 3-7: Supporting documentation and guidance - Measurements in temperature chambers for tests A and B (with load)	EN 60068-3-7	2002[3)]
IEC 60068-5-2	-[2)]	Environmental testing - Part 5: Guide to drafting of test methods - Terms and definitions	EN 60068-5-2	1999[3)]
IEC 60721	Series	Classification of environmental conditions	EN 60721	Series

[1)] EN 60068-1 is based on IEC 60068-1:1988 + corr. October 1988 and A1:1992.

[2)] Undated reference.

[3)] Valid edition at date of issue.

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