



NSAI
Standards

Irish Standard
I.S. EN 60068-3-1:2011

Environmental testing -- Part 3-1:
Supporting documentation and
guidance - Cold and dry heat tests (IEC
60068-3-1:2011 (EQV))

I.S. EN 60068-3-1:2011

Incorporating amendments/corrigenda issued since publication:

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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English version

**Environmental testing -
Part 3-1: Supporting documentation and guidance -
Cold and dry heat tests
(IEC 60068-3-1:2011)**

Essais d'environnement -
Partie 3-1: Documentation
d'accompagnement et guide -
Essais de froid et de chaleur sèche
(CEI 60068-3-1:2011)

Umgebungseinflüsse -
Teil 3-1: Unterstützende Dokumentation
und Leitfaden -
Prüfverfahren Kälte und trockene Wärme
(IEC 60068-3-1:2011)

This European Standard was approved by CENELEC on 2011-09-23. 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.

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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 CEN-CENELEC Management Centre 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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I.S. EN 60068-3-1:2011

EN 60068-3-1:2011

- 2 -

Foreword

The text of document 104/555/FDIS, future edition 2 of IEC 60068-3-1, prepared by IEC TC 104, "Environmental conditions, classification and methods of test", was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60068-3-1:2011.

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) 2012-06-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2014-09-23

This document supersedes EN 60068-3-1:1999.

The main changes with regard to EN 60068-3-1:1999 are as follows:

- removal of guidance regarding thermal characteristics of chamber walls;
- revision of sections that address environmental chambers that do not use movement of air for temperature control.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 60068-3-1:2011 was approved by CENELEC as a European Standard without any modification.

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	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60068-2-1	-	Environmental testing - Part 2-1: Tests - Test A: Cold	EN 60068-2-1	-
IEC 60068-2-2	-	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	-

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CONTENTS

FOREWORD.....	3
1 Scope.....	5
2 Normative references	5
3 Terms and definitions	5
4 Selection of test procedures	5
4.1 General background	5
4.1.1 General	5
4.1.2 Ambient temperature	6
4.1.3 Specimen temperatures.....	6
4.1.4 Specimens without heat dissipation	6
4.1.5 Specimens with heat dissipation	6
4.2 Mechanisms of heat transfer	6
4.2.1 Convection	6
4.2.2 Radiation.....	9
4.2.3 Thermal conduction	10
4.2.4 Forced air circulation	10
4.3 Test chambers	10
4.3.1 General	10
4.3.2 Methods of achieving the required conditions in the test chamber.....	11
4.4 Measurements.....	11
4.4.1 Temperature.....	11
4.4.2 Air velocity	11
Annex A (informative) Effect of airflow on chamber conditions and on surface temperatures of test specimens	12
Figure 1 – Experimental data on the effect of airflow on surface temperature of a wire-wound resistor – Radial airflow	7
Figure 2 – Experimental data on the effect of airflow on surface temperature of a wire-wound resistor – Axial airflow	8
Figure 3 – Temperature distribution on a cylinder with homogeneous heat generation in airflow of velocities 0,5, 1 and 2 m·s ⁻¹	9
Table 1 – Influence parameters when testing heat-dissipating specimens	11

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ENVIRONMENTAL TESTING –

**Part 3-1: Supporting documentation and guidance –
Cold and dry heat tests**

FOREWORD

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International Standard IEC 60068-3-1 has been prepared by IEC technical committee 104: Environmental conditions, classification and methods of test.

This second edition cancels and replaces the first edition, published in 1974, and constitutes a technical revision.

The main changes with regard to the previous edition are as follows:

- removal of guidance regarding thermal characteristics of chamber walls;
- revision of sections that address environmental chambers that do not use movement of air for temperature control.

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

FDIS	Report on voting
104/555/FDIS	104/558/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 60068 series, under the general title *Environmental testing* can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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