

Environmental testing - Part 3-6: Supporting documentation and guidance -  
Confirmation of the performance of temperature/humidity chambers

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EUROPEAN STANDARD

**EN 60068-3-6**

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2002

ICS 19.040; 29.020

English version

**Environmental testing**  
**Part 3-6: Supporting documentation and guidance –**  
**Confirmation of the performance of**  
**temperature/humidity chambers**  
(IEC 60068-3-6:2001)

Essais d'environnement  
Partie 3-6: Documentation  
d'accompagnement et guide –  
Confirmation des performances  
des chambres d'essais en  
température et humidité  
(CEI 60068-3-6:2001)

Umweltprüfungen  
Teil 3-6: Unterstützende  
Dokumentation und Leitfaden –  
Bestätigung des Leistungsvermögens  
von Temperatur-/Klimaprüfkammern  
(IEC 60068-3-6:2001)

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This European Standard was approved by CENELEC on 2001-12-04. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, 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 104/210/FDIS, future edition 1 of IEC 60068-3-6, 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 60068-3-6 on 2001-12-04.

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) 2002-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2004-12-01

This European Standard should be read in conjunction with EN 60068-3-5 and EN 60068-3-7.

Annexes designated "normative" are part of the body of the standard.  
In this standard, annex ZA is normative.  
Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 60068-3-6:2001 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

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60068-3-4	- <sup>1)</sup>	Environmental testing Part 3-4: Supporting documentation and guidance - Damp heat tests	EN 60068-3-4	2002 <sup>2)</sup>
IEC 60068-3-5	- <sup>1)</sup>	Part 3-5: Supporting documentation and guidance - Confirmation of the performance of temperature chambers	EN 60068-3-5	2002 <sup>2)</sup>
IEC 60068-3-7	- <sup>1)</sup>	Part 3-7: Supporting documentation and guidance - Measurements in temperature chambers for test A and B (with load)	EN 60068-3-7	2002 <sup>2)</sup>
IEC 60584-1	- <sup>1)</sup>	Thermocouples Part 1: Reference tables	EN 60584-1	1995 <sup>2)</sup>
IEC 60751	- <sup>1)</sup>	Industrial platinum resistance thermometer sensors	EN 60751	1995 <sup>2)</sup>
ISO 10012-1	- <sup>1)</sup>	Quality assurance requirements for measuring equipment Part 1: Metrological confirmation system for measuring equipment	EN 30012-1	1993 <sup>2)</sup>
ISO 10012-2	- <sup>1)</sup>	Part 2: Guidelines for control of measurement processes	-	-
ISO 4677-1	- <sup>1)</sup>	Atmospheres for conditioning and testing - Determination of relative humidity Part 1: Aspirated psychrometer method	-	-
ISO	- <sup>1)</sup>	Guide to the expression of uncertainty in measurement; ISBN 92-67-10188-9	-	-

1) Undated reference.

2) Valid edition at date of issue.

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NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC

60068-3-6

Première édition  
First edition  
2001-08

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**Essais d'environnement –**

**Partie 3-6:**

**Documentation d'accompagnement et guide –  
Confirmation des performances des chambres  
d'essai en température et humidité**

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**Environmental testing –**

*SIST EN 60068-3-6:2002*

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**Part 3-6:**

**Supporting documentation and guidance –  
Confirmation of the performance of  
temperature/humidity chambers**

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International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## CONTENTS

FOREWORD.....	3
INTRODUCTION.....	4
1 Scope.....	9
2 Normative references.....	9
3 Definitions .....	11
4 Measuring of performances.....	13
4.1 Test area environment.....	13
4.2 Temperature measurement system .....	13
4.3 Humidity measurement system .....	13
4.4 Installation of sensors.....	15
5 Determination of humidity performance .....	15
5.1 Temperature.....	15
6 Standard humidity sequence .....	15
7 Evaluation criteria .....	19
8 Information to be given in the performance test report.....	19
Figure 1 – Example of climatogram .....	17
Table 1 – Example of test sequence .....	17

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## ENVIRONMENTAL TESTING –

**Part 3-6: Supporting documentation and guidance –  
Confirmation of the performance of temperature/humidity chambers**

## FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical specifications, technical reports or guides and they are accepted by the National Committees in that sense.
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- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60068-3-6 has been prepared by IEC technical committee 104: Environmental conditions, classification and methods of test.

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

FDIS	Report on voting
104/210/FDIS	104/217/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 3.

IEC 60068-3-6 should be read in conjunction with IEC 60068-3-5 and IEC 60068-3-7.

The committee has decided that the contents of this publication will remain unchanged until 2004. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.