

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Environmental testing –  
Part 3-7: Supporting documentation and guidance – Measurements in  
temperature chambers for tests A (Cold) and B (Dry heat) (with load)**

**Essais d'environnement –  
Partie 3-7: Documentation d'accompagnement et recommandations –  
Mesurages dans les chambres d'essai en température pour les essais A (froid)  
et B (chaleur sèche) (avec charge)**



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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## ENVIRONMENTAL TESTING –

**Part 3-7: Supporting documentation and guidance –  
Measurements in temperature chambers for  
tests A (Cold) and B (Dry heat) (with load)**

## FOREWORD

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International Standard IEC 60068-3-7 has been prepared by IEC technical committee TC 104: Environmental conditions, classification and methods of test.

This second edition cancels and replaces the first edition published in 2001. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) verbal forms have, in many parts, been changed to express requirements instead of recommendations ('shall' instead of 'should');
- b) Table 1 has been updated.

The text of this International Standard is based on the following documents:

| FDIS         | Report on voting |
|--------------|------------------|
| 104/868/FDIS | 104/873/RVD      |

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

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

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

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

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- withdrawn,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

## INTRODUCTION

IEC 60068 (all parts) contains fundamental information on environmental testing procedures and severities.

The expression "environmental conditioning" or "environmental testing" covers the natural and artificial environments to which components or equipment may be exposed so that an assessment can be made of their performance under conditions of use, transport and storage to which they may be exposed in practice.

Temperature chambers used for "environmental conditioning" or "environmental testing" are not described in any publication, although the method of maintaining and measuring temperature and/or humidity has great influence on test results. The physical characteristics of temperature chambers can also influence test results.