
Environmental testing - Part 3: Background information - Section 2: Combined temperature/low air pressure tests

Environmental testing -- Part 3: Background information -- Section 2: Combined temperature/low air pressure tests

Umweltprüfungen -- Teil 3: Leitfaden -- Hauptabschnitt 2: Kombinierte Prüfungen Temperatur/niedriger Luftdruck

ITEH STANDARD PREVIEW**(standards.iteh.ai)**

Essais d'environnement -- Partie 3: Informations de base -- Section 2: Essais combinés température/basse pression atmosphérique

SIST EN 60068-3-2:2002

<https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb-2a03615d94dc/sist-en-60068-3-2-2002>

Ta slovenski standard je istoveten z: **EN 60068-3-2:1999**

ICS:

19.040 Preskušanje v zvezi z Environmental testing
 okoljem

SIST EN 60068-3-2:2002**en**

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

SIST EN 60068-3-2:2002

[https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb-
2a03615d94dc/sist-en-60068-3-2-2002](https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb-2a03615d94dc/sist-en-60068-3-2-2002)

**EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM**

EN 60068-3-2

April 1999

ICS 19.040

Supersedes HD 323.3.2 S1:1988

English version

**Environmental testing
Part 3: Background information
Section 2: Combined temperature/low air pressure tests
(IEC 60068-3-2:1976)**

Essais d'environnement
Partie 3: Informations de base
Section 2: Essais combinés
température/basse pression
atmosphérique
(CEI 60068-3-2:1976)

Umweltpfungen
Teil 3: Leitfaden
Hauptabschnitt 2: Kombinierte
Prüfungen Temperatur/niedriger
Luftdruck
(IEC 60068-3-2:1976)

**ITen STANDARD PREVIEW
(standards.iteh.ai)**

SIST EN 60068-3-2:2002
<https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb-2a03615d94dc/sist-en-60068-3-2-2002>

This European Standard was approved by CENELEC on 1999-04-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, 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 the International Standard IEC 60068-3-2:1976, prepared by SC 50B (transformed into IEC TC 104 "Environmental conditions, classification and methods of test), was approved by CENELEC as HD 323.3.2 on 1987-12-02.

This Harmonization Document was submitted to the formal vote for conversion into a European Standard and was approved by CENELEC as EN 60068-3-2 on 1999-04-01.

The following date was 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) 2000-04-01

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.

Endorsement notice

The text of the International Standard IEC 60068-3-2:1976 was approved by CENELEC as a European Standard without any modification.

ITEH STANDARD REVIEW
(standards.iteh.ai)

[SIST EN 60068-3-2:2002](#)

<https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb-2a03615d94dc/sist-en-60068-3-2-2002>

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 60068-3-1 + IEC 60068-3-1A	1974	Environmental testing Part 3: Background information Section 1: Cold and dry heat tests	EN 60068-3-1	1999

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

SIST EN 60068-3-2:2002
<https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb-2a03615d94dc/sist-en-60068-3-2-2002>

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

SIST EN 60068-3-2:2002

[https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb-
2a03615d94dc/sist-en-60068-3-2-2002](https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb-2a03615d94dc/sist-en-60068-3-2-2002)



COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

(affiliée à l'Organisation Internationale de Normalisation — ISO)

NORME DE LA CEI

A

INTERNATIONAL ELECTROTECHNICAL COMMISSION

(affiliated to the International Organization for Standardization — ISO)

IEC STANDARD

ISCRRA - STANDARDFORMA

projeto

Publication 68-3-2

Première édition — First edition

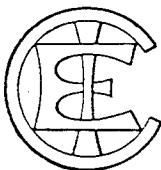
1976

Essais fondamentaux climatiques et de robustesse mécanique

Troisième partie : Informations de base

**Section deux — Essais combinés température/basse pression atmosphérique
(standards.iteh.ai)****Basic environmental testing procedures**

<https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb-2a03615d94de/sist-en-60068-3-2-2002>

Section Two — Combined temperature/low air pressure tests

Droits de reproduction réservés — Copyright - all rights reserved

Aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photocopie et les microfilms, sans l'accord écrit de l'éditeur.

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Bureau Central de la Commission Electrotechnique Internationale

1, rue de Varembé
Genève, Suisse

Prix Fr. s. 16.—
Price S. Fr. 16.—

CONTENTS

	Page
FOREWORD	5
PREFACE	5
Clause	
1. General	7
2. Reasons behind the design of the test	7
3. Environmental effects	9
4. Testing facilities	9
5. Measurements of environmental parameters	11
5.1 Temperature measurements	11
5.2 Air pressure measurements	11
FIGURE	12

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60068-3-2:2002
<https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb-2a03615d94dc/sist-en-60068-3-2-2002>

INTERNATIONAL ELECTROTECHNICAL COMMISSION

BASIC ENVIRONMENTAL TESTING PROCEDURES**Part 3: Background information****Section Two — Combined temperature/low air pressure tests****FOREWORD**

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

This publication has been prepared by Sub-Committee 50B, Climatic Tests, of IEC Technical Committee No. 50, Environmental Testing. <https://standards.iteh.ai/catalog/standards/sist/e4d3137b-289d-4319-8ccb>

It gives background information for Test Z/AM: Combined cold/low air pressure tests for both heat-dissipating and non-heat-dissipating specimens of IEC Publication 68-2-40, and for Test Z/BM: Combined dry-heat/low air pressure tests for both heat-dissipating and non-heat-dissipating specimens of IEC Publication 68-2-41.

A first draft was discussed at the meeting held in Munich in 1973. As a result of this meeting, a Secretariat draft was submitted to the National Committees under the Accelerated Procedure and approved for consideration under the Six Months' Rule as Document 50B(Central Office)181 in September 1974.

The following countries voted explicitly in favour of publication:

Australia	Norway
Austria	Poland
Belgium	Portugal
Canada	South Africa (Republic of)
Czechoslovakia	Spain
Denmark	Sweden
France	Switzerland
Germany	Turkey
Hungary	Union of Soviet
Israel	Socialist Republics
Japan	United Kingdom
Netherlands	

Other IEC publication quoted in this publication:

Publication No. 68-3-1: Part 3: Background Information. Section One: Cold and Dry Tests.