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Environmental testing - Part 3-1: Supporting documentation and guidance - Cold and dry heat tests

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/23

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September 2023

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English Version

**Environmental testing - Part 3-1: Supporting documentation and
guidance - Cold and dry heat tests
(IEC 60068-3-1:2023)**

Essais d'environnement - Partie 3-1: Documentation
d'accompagnement et recommandations - Essais de froid
et de chaleur sèche
(IEC 60068-3-1:2023)

Umgebungseinflüsse - Teil 3-1: Unterstützende
Dokumentation und Leitfaden - Prüfungen Kälte und
Trockene Wärme
(IEC 60068-3-1:2023)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 60068-3-1:2023 (E)**European foreword**

The text of document 104/986/FDIS, future edition 3 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 IEC 60068-3-1:2023.

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IEC 60068-1:2013	NOTE	Approved as EN 60068-1:2014 (not modified)
IEC 60068-2-1	NOTE	Approved as EN 60068-2-1
IEC 60068-2-2	NOTE	Approved as EN 60068-2-2
IEC 60068-2-14	NOTE	Approved as EN 60068-2-14
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IEC 60068-3-1

Edition 3.0 2023-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

**Essais d'environnement –
Partie 3-1: Documentation d'accompagnement et recommandations – Essais de
froid et de chaleur sèche**





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IEC 60068-3-1

Edition 3.0 2023-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

**Essais d'environnement –
Partie 3-1: Documentation d'accompagnement et recommandations – Essais de
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ENVIRONMENTAL TESTING –

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

FOREWORD

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

This third edition cancels and replaces the second edition published in 2011. This edition constitutes a technical revision.

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

- a) information relating to specimen temperatures has been revised;
- b) information relating to tests of multiple specimens has been revised;
- c) the effect of air density has been added;
- d) a recommendation for corrective actions regarding IR radiation has been added;
- e) the requirements for the mounting and supports of the specimen have been revised.

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

Draft	Report on voting
104/986/FDIS	104/1002/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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

ENVIRONMENTAL TESTING –

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

1 Scope

This part of IEC 60068 provides guidance regarding the performance of cold and dry heat tests.

2 Normative references

There are no normative references in this document.

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