



BSI Standards Publication

Environmental testing

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

National foreword

This British Standard is the UK implementation of EN IEC 60068-3-1:2023. It is identical to IEC 60068-3-1:2023. It supersedes BS EN 60068-3-1:2011, which will be withdrawn on 3 August 2026.

The UK participation in its preparation was entrusted to Technical Committee GEL/104, Environmental conditions, classification and testing.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

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English Version

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(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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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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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.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2024-05-03 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2026-08-03 document have to be withdrawn

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The text of the International Standard IEC 60068-3-1:2023 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60068-1:2013	NOTE	Approved as EN 60068-1:2014 (not modified)
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CONTENTS

FOREWORD	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Selection of test procedures	6
4.1 General background.....	6
4.1.1 General	6
4.1.2 Ambient temperature	6
4.1.3 Specimen temperatures	6
4.1.4 Non heat-dissipating specimens	6
4.1.5 Heat-dissipating specimens	6
4.2 Mechanisms of heat transfer	7
4.2.1 Convection	7
4.2.2 Radiation	10
4.2.3 Thermal conduction	11
4.2.4 Forced air circulation	11
4.3 Test chambers	11
4.3.1 General	11
4.3.2 Methods of achieving the required conditions in the test chamber.....	12
4.4 Measurements	12
4.4.1 Temperature	12
4.4.2 Air velocity.....	12
Annex A (informative) Effect of airflow on chamber conditions and on surface temperatures of test specimens	13
A.1 Calculation.....	13
A.2 Specimen temperature	13
A.3 Gradient between incoming and outgoing air.....	13
Bibliography.....	15
 Figure 1 – Experimental data on the effect of airflow on the surface temperature of a wire-wound resistor – Radial airflow.....	8
Figure 2 – Experimental data on the effect of airflow on the surface temperature of a wire-wound resistor – Axial airflow	9
Figure 3 – Temperature distribution on a cylinder with homogeneous heat generation in airflow of velocities (0,5, 1 and 2) m · s ⁻¹	10
 Table 1 – Influence parameters when testing heat-dissipating specimens	12

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.