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STANDARDS
Australia



Environmental testing

Part 3.1: Supporting documentation and guidance — Cold and dry heat tests



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- Australian Industry Group
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- Consumer Electronics Suppliers Association
- Electrical Compliance Testing Association of Australia
- Electrical Regulatory Authorities Council, Australia
- Master Electricians Australia
- National Association of Testing Authorities Australia
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Preface

This Standard was prepared by the Standards Australia Committee EL-026, Protective Enclosures and Environmental Testing for Electrical/Electronic Equipment, to supersede AS 60068.3.1:2003, *Environmental testing, Part 3.1: Background information — Section one: Cold and dry heat tests*.

The objective of this document is to provide guidance regarding the performance of cold and dry heat tests.

This document is identical with, and has been reproduced from, IEC 60068-3-1:2023, *Environmental testing — Part 3-1: Supporting documentation and guidance — Cold and dry heat tests*.

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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.

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 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.