

AS 60068.2.2:2023



Environmental testing

Part 2.2: Tests — Test B: Dry heat (IEC 60068-2-2:2007 (ED. 5.0) MOD)



AS 60068.2.2:2023

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- Electrical Regulatory Authorities Council, Australia
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- 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 60068.2.2-2003.

The objective of this document is to specify dry heat tests applicable both to heat-dissipating and non heat-dissipating specimens. For non heat-dissipating specimens, Tests Bb and Bd do not deviate essentially from earlier issues. The object of the dry heat test is limited to the determination of the ability of components, equipment or other articles to be used, transported or stored at high temperature.

These dry heat tests do not enable the ability of specimens to withstand or operate during the temperature variations to be assessed. In this case, it would be necessary to use AS 60068.2.14:202X *Test N: Change of temperature*.

The dry heat tests are subdivided as follows:

- (a) Dry heat test for non heat-dissipating specimens
 - with gradual change of temperature, Bb.
- (b) Dry heat tests for heat-dissipating specimens
 - with gradual change of temperature, Bd
 - with gradual change of temperature, specimen powered throughout, Be.

The procedures given in this standard are normally intended for specimens that achieve temperature stability during the performance of the test procedure.

This document is an adoption with national modifications, and has been reproduced from, IEC 60068-2-2:2007, *Environmental testing – Part 2-2: Tests - Test B: Dry heat*. The modifications are additional requirements and are set out in Appendix ZZ, which has been added at the end of the source text.

Appendix ZZ lists the modifications to IEC 60068-2-2:2007, for the application of this document in Australia.

As this document has been reproduced from an International document, the following apply:

- (i) In the source text “this part of IEC 60068” should read “this document”.
- (ii) A full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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