



# MALAYSIAN STANDARD

MS IEC 60068-2-54:2008  
(CONFIRMED:2015)

## Environmental testing - Part 2-54: Tests - Test TA: Solderability testing of electronic components by the wetting balance method (IEC 60068-2-54:2006, IDT)

IEC 60068-2-54:2006 is endorsed as Malaysian Standard with the reference number MS IEC 60068-2-54:2008.

**ICS: 19.040; 31.020**

Descriptors: environmental testing, tests, soldering, wetting balance method

NOTE. This MS has been reviewed by the responsible committee and confirmed that its contents are current

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**Revision:** A process where existing Malaysian Standard is reviewed and updated which resulted in the publication of a new edition of the Malaysian Standard.

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**Technical corrigendum:** A corrected reprint of the current edition which is issued to correct either a technical error or ambiguity in a Malaysian Standard inadvertently introduced either in drafting or in printing and which could lead to incorrect or unsafe application of the publication.

NOTE: Technical corrigenda are not to correct errors which can be assumed to have no consequences in the application of the MS, for example minor printing errors.

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## Committee representation

The Industry Standards Committee on Electrotechnical-2 (ISC S) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Association of the Computer and Multimedia Industry of Malaysia  
Department of Standards Malaysia  
Energy Commission  
Federation of Malaysian Manufacturers  
Jabatan Kerja Raya Malaysia  
Kementerian Perdagangan Dalam Negeri dan Hal Ehwal Pengguna  
Malaysian Cable Manufacturers Association  
Malaysian Electrical Appliances and Distributors Association  
Malaysian Standard Users Association  
Ministry of International Trade and Industry  
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Suruhanjaya Komunikasi dan Multimedia Malaysia  
Tenaga Nasional Berhad  
The Electrical and Electronics Association of Malaysia  
Universiti Multimedia  
Universiti Tenaga Nasional

The Working Group on Environmental Testing for Electrical and Electronics Equipment which recommended the adoption of the IEC Standard consists of representatives from the following organisations:

Jabatan Kerja Raya Malaysia  
Kementerian Tenaga, Air dan Komunikasi  
Malaysian Meteorological Department  
M dot Mobile Sdn Bhd  
PROTON Engineering Research Technology Sdn Bhd  
SIRIM Berhad (Environmental and Bioprocess Testing Centre)  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd  
Telekom Research and Development Sdn Bhd  
TNB Generation Division  
Universiti Teknologi Malaysia

## **NATIONAL FOREWORD**

The adoption of the IEC Standard as a Malaysian Standard was recommended by the Working Group on Environmental Testing for Electrical and Electronics Equipment under the authority of the Industry Standards Committee on Electrotechnical-2.

This Malaysian Standard is identical with IEC 60068-2-54:2006, *Environmental testing - Part 2-54: Tests - Test Ta: Solderability testing of electronic components by the wetting balance method*, published by the International Electrotechnical Commission (IEC). However, for the purpose of this Malaysian Standard, the following apply:

- a) in the source text, "this International Standard" should read "this Malaysian Standard";
- b) the comma which is used as a decimal sign (if any), to read as a point;
- c) the basis IEC 60068-2-54 is printed in English and French languages. However, only the English version is retained for this Malaysian Standard; and
- d) references to International Standards should be replaced by equivalent Malaysian Standards as follows:

<u>Referenced International Standards</u>	<u>Corresponding Malaysian Standards</u>
IEC 60068-1, <i>Environmental testing - Part 1: General and guidance</i>	MS IEC 60068-1, <i>Environmental testing - Part 1: General and guidance</i>
IEC 60068-2-20, <i>Environmental testing - Part 2: Tests - Test T: Soldering</i>	MS IEC 60068-2-20, <i>Environmental testing - Part 2: Tests - Test T: Soldering</i>

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21-1.

**INTERNATIONAL  
STANDARD**

**IEC  
60068-2-54**

Second edition  
2006-04

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**Environmental testing –**

**Part 2-54:**

**Tests – Test Ta: Solderability testing of  
electronic components by the wetting  
balance method**



Reference number  
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