MALAYSIAN STANDARD

MS ISO 6508-1:2017

Metallic materials - Rockwell hardness test - Part 1: Test method (Second revision) (ISO 6508-1:2016, IDT)

ICS: 77.040.10

Descriptors: Rockwell hardness test, metallic materials, test method

DEPARTMENT OF STANDARDS MALAYSIA

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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 Metallic Materials and Semi-Finished Products (ISC P) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Association of Marine Industries of Malaysia
Construction Industry Development Board Malaysia
Department of Standards Malaysia
Federation of Malaysian Manufacturers
IKRAM QA Services Sdn Bhd
Jabatan Kerja Raya Malaysia
Malaysia Steel Association
Malaysia Steel Institute
Malaysian Iron and Steel Industry Federation
Master Builders Association Malaysia
Ministry of International Trade and Industry
Pertubuhan Akitek Malaysia
SIRIM Berhad (Machinery Technology Centre, SIRIM Industrial Research)
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
The Institution of Engineers, Malaysia
Universiti Malaya
Universiti Sains Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Mechanical Testing of Metallic Materials which recommended the adoption of the ISO Standard as Malaysian Standard consists of representatives from the following organisations:

Construction Industry Development Board Malaysia
Malaysian Iron and Steel Industry Federation
Metallurgical Consultancy and Services Sdn Bhd
SIRIM Berhad (Advanced Materials Research Centre)
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd (Testing Services Department - Civil and Construction Section)
The Institution of Engineers, Malaysia
Universiti Malaya
Universiti Teknologi Malaysia
Universiti Teknologi MARA
Universiti Teknologi PETRONAS

National foreword

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on Mechanical Testing of Metallic Materials under the authority of the Industry Standards Committee on Metallic Materials and Semi-Finished Products.

This Malaysian Standard is identical with ISO 6508-1:2016, *Metallic materials - Rockwell hardness test - Part 1: Test method*, published by the International Organization for Standardization (ISO). However, for the purposes 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; and

c) reference to International Standards should be replaced by corresponding Malaysian Standards as follows:

Referenced International Standards	Corresponding Malaysian Standards
ISO 6508-2:2015, *Metallic materials - Rockwell hardness test - Part 2: Verification and calibration of testing machines and indenters*	MS ISO 6508-2:2016, *Metallic materials - Rockwell hardness test - Part 2: Verification and calibration of testing machines and indenters*
ISO 6508-3:2015, *Metallic materials - Rockwell hardness test - Part 3: Calibration of reference blocks*	MS ISO 6508-3:2015, *Metallic materials - Rockwell hardness test - Part 3: Calibration of reference blocks*

This Malaysian Standard cancels and replaces MS ISO 6508-1:2009, *Metallic materials - Rockwell hardness test - Part 1: Test method (Scales A, B, C, D, E, F, G, H, K, N, T) (First revision)*.

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.