



MALAYSIAN STANDARD

MS ISO 148-3:2008

METALLIC MATERIALS - CHARPY PENDULUM IMPACT TEST - PART 3: PREPARATION AND CHARACTERIZATION OF CHARPY V REFERENCE TEST PIECES FOR VERIFICATION OF TEST MACHINES (ISO 148-3:1998, IDT)

ISO 148-3:1998 is endorsed as Malaysian Standard with the reference number MS ISO 148-3:2008.

ICS: 77.040.10

Descriptors: metal products, tests, mechanical tests, impact tests, Charpy impact test, test equipment, impact testing machines, verification, test specimens, reference sample

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Committee representation

The Industry Standards Committee on Mechanical Engineering (ISC F) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Department of Occupational Safety and Health Malaysia
Department of Standards Malaysia
Jabatan Kerja Raya Malaysia
Machinery and Equipment Manufacturers' Association
Malaysian Industrial Development Authority
Malaysian Iron and Steel Industry Federation
Ministry of International Trade and Industry Malaysia
National Institute of Occupational Safety and Health
Petroleum Nasional Berhad
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Suruhanjaya Tenaga
The Institution of Engineers, Malaysia
Universiti Kebangsaan 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 consists of representatives from the following organisations:

Advanced Materials Research Centre

Construction Industry Development Board Malaysia

Institute of Materials Malaysia

Jabatan Kerja Raya Malaysia

Malaysian Iron and Steel Industry Federation

Metallurgical Consultancy and Services Sdn Bhd

National Metrology Laboratory

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The Institution of Engineers, Malaysia

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Universiti Malaya

Universiti Teknologi Malaysia

Universiti Teknologi MARA

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Committee representation *(continued)*

Co-opted members:

Department of Occupational Safety and Health Malaysia

Petronas Group Technology Solutions

SHELL Refining Company (Federation of Malaya) Berhad

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 Mechanical Engineering.

This Malaysian Standard is identical with ISO 148-3:1998, *Metallic materials - Charpy pendulum impact test - Part 3: Preparation and characterization of Charpy V reference test pieces for verification of test machines*, 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";
and
- b) the comma which is used as a decimal sign (if any), to read as a point.

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, 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.

**Metallic materials — Charpy pendulum
impact test —**

Part 3:

Preparation and characterization of Charpy V
reference test pieces for verification of test
machines

Matériaux métalliques — Essai de flexion par choc sur éprouvette Charpy —

*Partie 3: Préparation et caractérisation des éprouvettes de référence
Charpy V pour la vérification des machines d'essai (mouton-pendule)*



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