



# MALAYSIAN STANDARD

MS ISO 15630-1:2012

**Steel for the reinforcement and prestressing  
of concrete - Test methods - Part 1:  
Reinforcing bars, wire rod and wire  
(ISO 15630-1:2010, IDT)**

**ICS: 77.140.15**

Descriptors: steel, reinforcement, prestressing, concrete, test methods, reinforcing bars, wire rod, wire

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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  
Institute of Materials Malaysia  
Jabatan Kerja Raya Malaysia  
Malaysian Industrial Development Authority  
Malaysian Iron and Steel Industry Federation  
Malaysian Steel Association  
Master Builders Association Malaysia  
Minerals and Geoscience Department Malaysia  
Ministry of International Trade and Industry  
Pertubuhan Akitek Malaysia  
SIRIM Berhad  
SIRIM Berhad (National Centre for Machinery and Tooling Technology)  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd  
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 as Malaysian Standard consists of representatives from the following organisations:

Construction Industry Development Board Malaysia  
Department of Occupational Safety and Health Malaysia  
Institute of Materials Malaysia  
Jabatan Kerja Raya Malaysia  
Malaysian Iron and Steel Industry Federation  
Metallurgical Consultancy and Services Sdn Bhd  
PETRONAS Lubricants International Sdn Bhd  
PUSPAKOM Sdn Bhd  
Shell Refining Company (FOM) Berhad  
SIRIM Berhad (Advanced Materials Research Centre)  
SIRIM Berhad (National Metrology Laboratory)  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd  
The Institution of Engineers, Malaysia  
Universiti Malaya  
Universiti Teknologi Malaysia  
Universiti Teknologi MARA  
Universiti Teknologi PETRONAS

# MS ISO 15630-1:2012

## 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 15630-1:2010, *Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, wire rod and wire*, 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:

<u>Referenced International Standards</u>	<u>Corresponding Malaysian Standards</u>
ISO 6892 <i>Metallic materials - Tensile testing at ambient temperature</i>	MS ISO 6892, <i>Metallic materials - Tensile testing at ambient temperature</i>
ISO 7438, <i>Metallic materials - Bend test</i>	MS ISO 7438, <i>Metallic materials - Bend test</i>
ISO 7500-1, <i>Metallic materials-Verification of static uniaxial testing machines - Part 1: Tension/compression testing machines - Verification and calibration of the force measuring system</i>	MS ISO 7500-1, <i>Metallic materials-Verification of static uniaxial testing machines - Part 1: Tension/compression testing machines - Verification and calibration of the force measuring system</i>
ISO 9513, <i>Metallic materials - Calibration of extensometers used in uniaxial testing machines</i>	MS ISO 9513, <i>Metallic materials - Calibration of extensometers used in uniaxial testing machines</i>

MS ISO 15630 consists of the following parts, under the general title *Steel for the reinforcement and prestressing of concrete - Test methods*:

*Part 1: Reinforcing bars, wire rod and wire*

*Part 2: Welded fabric*

*Part 3: Prestressing steel*

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.