



MALAYSIAN STANDARD

MS ISO 7500-2:2005

METALLIC MATERIALS - VERIFICATION OF STATIC UNIAXIAL TESTING MACHINES - PART 2: TENSION CREEP TESTING MACHINES - VERIFICATION OF THE APPLIED LOAD (ISO 7500-2:1996, IDT)

ISO 7500-2:1996 is endorsed as Malaysian Standard with the reference number MS ISO 7500-2:2005.

ICS: 77.040.10

Descriptors: metals, metal products, tests, mechanical tests, creep tests, test equipment, tensile testing machines, verification

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Committee representation

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

Department of Occupational Safety and Health
Department of Standards Malaysia
Energy Commission Malaysia
Jabatan Kerja Raya Malaysia (Cawangan Mekanikal)
Malaysian Industrial Development Authority
Malaysian Iron and Steel Industry Federation
Ministry of Defence
Ministry of International Trade and Industry
National Institute of Occupational Safety and Health
Petroleum Nasional Berhad
SIRIM QAS International Sdn Bhd (Mechanical Product Testing Section)
The Institution of Engineers, Malaysia
Universiti Kebangsaan Malaysia
Universiti Malaya
Universiti Teknologi Malaysia

The Technical Committee on Test Methods for Metallic Materials which recommends adoption of the ISO Standard consists of representatives from the following organisations:

Construction Industry Development Board
Hicom Engineering Sdn Bhd
Jabatan Kerja Raya Malaysia
Malaysian Iron and Steel Industry Federation
Metallurgical Consultancy and Services Sdn Bhd
SIRIM Berhad (Advanced Material Research Centre)
SIRIM Berhad (National Metrology Laboratory)
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd (Construction and Building Material Testing Section)
The Institution of Engineers, Malaysia
Universiti Malaya
Universiti Teknologi Malaysia

NATIONAL FOREWORD

This adoption of the ISO Standard was recommended by the Technical Committee on Test Methods for Metallic Materials under the authority of the Mechanical Engineering Industry Standards Committee.

This Malaysian Standard is identical with ISO 7500-2:1996, *Metallic materials - Verification of static uniaxial testing machines - Part 2: Tension creep testing machines - Verification of the applied load*, 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, 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.

**Metallic materials — Verification of static
uniaxial testing machines —**

Part 2:

Tension creep testing machines — Verification
of the applied load

*Matériaux métalliques — Vérification des machines pour essais statiques
uniaxiaux —*

*Partie 2: Machines d'essai de fluage en traction — Vérification de la charge
appliquée*



Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 7500-2 was prepared by Technical Committee ISO/TC 164, *Mechanical testing of metals*, Subcommittee SC 1, *Uniaxial testing*.

ISO 7500 consists of the following parts, under the general title *Metallic materials — Verification of static uniaxial testing machines*:

- *Part 1: Tensile testing machines*
- *Part 2: Tension creep testing machines — Verification of the applied load*

Annex A forms an integral part of this part of ISO 7500.

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