For Comments Only **Doc:MTD 3(5132)**
ISO 7500-2:2006

BUREAU OF INDIAN STANDARDS

Draft *Indian Standard*

Metallic materials — Verification of static uniaxial testing machines — Part 2: Tension creep testing machines — Verification of the applied force

[FIRST REVISION OF IS 1828 (PART 2)]

ICS 77.040.10

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NATIONAL FOREWORD

This draft Indian Standard which is identical with ISO 7500-2:2006 'Metallic materials — Verification of static uniaxial testing machines — Part 2: Tension creep testing machines — Verification of the applied force' issued by the International Organization for Standardization (ISO) is to be adopted by the Bureau of Indian Standards on the recommendation of the Mechanical Testing of Metals Sectional Committee (MTD 3) and approval of the Metallurgical Engineering Division Council..

This revision has been undertaken to harmonize it with the latest developments taken place at international level. The committee has now decided to adopt this standard under dual numbering system and make it align with ISO 7500-2. ISO 7500 consists of the 2 parts, under the general title Metallic materials — Verification of static uniaxial testing machines. The other parts in this series are:

Part 1:Tension/compression testing machines — Verification and calibration of the force-measuring system

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminology and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words `International Standard' appear, referring to this standard, they should be read as `Indian Standard'

b) Comma (,) has been used as a decimal marker while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exists. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree equivalence for the editions indicated:

International Standard	Corresponding Indian Standard	Degree of Equivalence
ISO 204 Metallic materials — Uniaxial creep testing in tension — Method of test	IS 3407 (Part 1 and Part 2) :1983 Method for creep testing of steel at elevated temperatures : Part 1 Tensile creep testing (*first revision)* and Part 2 Tensile creep	Technically Equivalent

	stress rupture testing (*first revision*	
ISO 376 Metallic materials — Calibration of force proving instruments used for the verification of uniaxial testing machines	**Doc:MTD 3(5130)**	Identical

In reporting the results of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2:1960 `Rules for rounding off numerical values (*revised*)'.

The complete document/text of **ISO 7500-2:2006 'Metallic materials — Verification of static uniaxial testing machines — Part 2: Tension creep testing machines — Verification of the applied force'** may be made available, on request to:

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