

BUREAU OF INDIAN STANDARDS

**Draft Indian Standard
Metallic materials – Sheet and strip –
Determination of tensile strain hardening exponent**

[First Revision of IS 15756]

ICS 77.040.10

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**Last date for receipt of
comments is 15 March 2012**

NATIONAL FOREWORD

This draft Indian Standard which is identical with ISO 10275:2007 'Metallic materials – Sheet and strip – Determination of tensile strain hardening exponent' 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 10275.

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 6892-1 Metallic materials – Tensile testing – Part 1: Method of test at room temperature	Doc: MTD 3(5116)	Identical
ISO 7500-1 Metallic materials – Verification of static uniaxial testing machines – Part 1:Tension/compression testing machines – Verification and calibration of the force-measuring system	Doc: MTD 3(5131)	Identical

ISO 9513 Metallic materials –Calibration of extensometers used in uniaxial testing	Doc: MTD 3(4688)	Identical
ISO 10113 Metallic materials – Sheet and strip – Determination of plastic strain ratio	Doc: MTD 3(5134)	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 10275:2007 `Metallic materials – Sheet and strip – Determination of tensile strain hardening exponent`** may be made available, on request to:

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