

*Indian Standard*

METALLIC MATERIALS — CALIBRATION OF  
FORCE PROVING INSTRUMENTS USED FOR THE  
VERIFICATION OF UNIAXIAL TESTING MACHINES

*(Second Revision)*

## **1 Scope**

This International Standard specifies a method for the calibration of force-proving instruments used for the static verification of uniaxial testing machines (e.g. tension/compression testing machines) and describes a procedure for the classification of these instruments.

This International Standard is applicable to force-proving instruments in which the force is determined by measuring the elastic deformation of a loaded member or a quantity which is proportional to it.

## **2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories*