First edition
2006-08-01

Methods for the calibration of vibration and shock transducers —

Part 15: Primary angular vibration calibration by laser interferometry

Méthodes pour l'étalonnage des transducteurs de vibrations et de chocs —

Partie 15: Étalonnage angulaire primaire de vibration par interférométrie laser

Reference number
ISO 16063-15:2006(E)

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Published in Switzerland

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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.

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ISO 16063-15 was prepared by Technical Committee ISO/TC 108, *Mechanical vibration and shock*, Subcommittee SC 3, *Use and calibration of vibration and shock measuring instruments*.

ISO 16063 consists of the following parts, under the general title *Methods for the calibration of vibration and shock transducers*:

— *Part 1: Basic concepts*

— *Part 11: Primary vibration calibration by laser interferometry*

— *Part 12: Primary vibration calibration by the reciprocity method*

— *Part 13: Primary shock calibration using laser interferometry*

— *Part 15: Primary angular vibration calibration by laser interferometry*

— *Part 21: Vibration calibration by comparison to a reference transducer*

— *Part 22: Shock calibration by comparison to a reference transducer*

The following additional parts are under preparation:

— *Part 23, addressing the angular vibration calibration by comparison to reference transducers*

— *Part 31, addressing the testing of transverse vibration sensitivity*

— *Part 32, addressing the resonance testing*

— *Part 41, addressing the calibration of laser vibrometers*

— *Part 42, addressing the calibration of seismometers*

