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Methods for the calibration of vibration and shock transducers —

Part 21: Vibration calibration by comparison to a reference transducer

AMENDMENT 1

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

Partie 21: Étalonnage de vibrations par comparaison à un transducteur de référence

AMENDEMENT 1

Reference number
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The committee responsible for this document is ISO/TC 108, *Mechanical vibration, shock and condition monitoring*, Subcommittee SC 3, *Use and calibration of vibration and shock measuring instruments*.

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Add the following new annex.

Annex E
(informative)

Transfer standard

E.1 General

In the main part of ISO 16063-21, the concept of transfer calibration is included. The calibration and use of transfer standards are described implicitly, but the term transfer standard is not defined. Because the term transfer standard is widely used and only defined in Reference [6] as "a device used as an intermediary to compare measurement standards", its definition in this context will be helpful for guidance.

E.2 Definition of transfer standard

Transfer standard is a device with a traceable calibration including the documented uncertainty for calibrating a reference transducer of the calibration system by comparison method, with the corresponding uncertainty documented.

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Add the following to the Bibliography.

[6] *International vocabulary of metrology — Basic and general concepts and associated terms (VIM) 3rd edition*. BIPM JGGM 200, 2012

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