

ISO/TC 43/SC 1

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Acoustics — Requirements for the performance and calibration of reference sound sources used for the determination of sound power levels

AMENDMENT 1

Acoustique — Prescriptions relatives aux performances et à l'étalonnage des sources sonores de référence pour la détermination des niveaux de puissance acoustique

AMENDEMENT 1

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This document was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 1, *Noise*.

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AMENDMENT 1

Clause 1, Scope

Replace the paragraph above the NOTE with the following:

"This document is titled as a calibration standard even though the method is typically conducted in a testing laboratory. While the sound pressure level measurements and distances associated with this method are traceable, the sound power level calibration results are not directly traceable to national standards of measure in a strict metrological sense. Testing laboratories performing this method are not expected to meet all requirements normally associated with a calibration laboratory."

5.6.4

In the last paragraph, replace the last sentence with the following:

"After this period, the reference sound source shall be subject to a new calibration in full compliance with this document conducted by a laboratory meeting the requirements of ISO/IEC 17025."

6.4

In the 2nd paragraph, replace the formulation in parenthesis with the following:

"(usually using one-third-octave-band corrections obtained from a microphone calibration performed in a laboratory meeting the requirements of ISO/IEC 17025)"

6.5

Replace the 2nd paragraph with the following:

"All certificates of compliance shall state that conformity testing was conducted by a laboratory meeting the requirements of ISO/IEC 17025."

Replace the last paragraph with the following:

"Periodic calibration shall be conducted by a laboratory meeting the requirements of ISO/IEC 17025."

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