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(Revision of ANSI S3.6-2004)

AMERICAN NATIONAL STANDARD

Specification for Audiometers

Secretariat:

Acoustical Society of America

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Abstract

The audiometers covered in this specification are devices designed for use in determining the hearing threshold level of an individual in comparison with a chosen standard reference threshold level. This standard provides specifications and tolerances for pure tone, speech, and masking signals and describes the minimum test capabilities of different types of audiometers.

AMERICAN NATIONAL STANDARDS ON ACOUSTICS

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NOTICE: This American National Standard may be revised or withdrawn at any time. The procedures of the American National Standards Institute require that action be taken periodically to reaffirm, revise, or withdraw this Standard.

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Foreword

[*This Foreword is for information only and is not a part of ANSI/ASA S3.6-2010 American National Standard Specification for Audiometers.*]

This standard comprises a part of a group of definitions, standards, and specifications for use in bioacoustics. It was developed and approved by Accredited Standards Committee S3 Bioacoustics, under its approved operating procedures. Those procedures have been accredited by the American National Standards Institute (ANSI). The Scope of Accredited Standards Committee S3 is as follows:

> *Standards, specifications, methods of measurement and test, and terminology in the fields of psychological and physiological acoustics, including aspects of general acoustics which pertain to biological safety, tolerance and comfort.*

This standard is a revision of ANSI S3.6-2004, which has been technically revised to incorporate changes to keep this standard compatible with other equivalent international (IEC and ISO) standards. This standard contains comparable information to current ISO Standards for pure tone thresholds, bone conduction and sound field.

At the time this Standard was submitted to Accredited Standards Committee S3, Bioacoustics for approval, the membership was as follows:

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