

Notice of Intention to Adopt International Standard

Identical adoption of:

ISO 3746:2010, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Survey method using an enveloping measurement surface over a reflecting plane*

Public Consultation and Committee Ballot

Start date: 12 February 2019

Close date: 26 March 2019

To submit comments please use the following link:

<https://hub.standards.org.au/hub/public/listOpenCommentingPublication.action>

New Zealand stakeholders should contact Standards New Zealand to discuss how to make a comment on the proposed adoption.

During their development process, Australian/New Zealand Standards are usually available in draft form online during the Public Consultation period to allow all interests concerned with the application of a proposed Standard to review the draft and submit their views. However, please note, due to copyright restrictions, this International Standard is not included in this notice.

A copy of the original International Standard is available from SAI Global at www.saiglobal.com, Standards New Zealand at www.standards.govt.nz or from ISO at www.iso.org

Upon successful conclusion of the Public Consultation and Committee Ballot period it is proposed to publish this Standard as AS/NZS ISO 3746:201X.

How to submit comments

To submit comments on this proposed identical adoption of this International Standard:

1. Register

Register at the Standards Australia Standards Hub site:

<https://hub.standards.org.au/hub/public/listOpenCommentingPublication.action>

2. Enter

There are two submission options depending on the following:

Option A: If you have fewer than 10 comments, fill in the online form.

Option B: If you have more than 10 comments, download the Word form and type in your comments.

3. Submit

Submit comments by clicking on the blue 'Online Comment' button or 'Upload' button.

Conditions for comment

Only comments submitted via the Standards Australia Standards Hub site before midnight on the closing date will be reviewed by the committee. The Hub automatically submits comments to the committee. Any other communication will not be considered by the committee.

If the proposed adoption is acceptable for Australia or New Zealand without change, an acknowledgement to this effect would be appreciated.

Otherwise, comments may be submitted on the technical content of the International Standard proposed for adoption, including the suitability of its application within the national context. However, it should be noted that as this notice only regards the identical adoption of an International Standard, the scope of work proposed does not include any modifications.

If you know of other persons or organizations that may wish to comment on the adoption of this International Standard, please advise them of its availability. Copies of this notice are available from SAI Global at www.saiglobal.com or Standards New Zealand at www.standards.govt.nz.

At the expiry of the comment period, the committee responsible for the document is obliged to give serious consideration to all comments received.

Draft Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EV-010, Acoustics Community Noise.

The objective of this Standard is to specify methods for determining the sound power level or sound energy level of a noise source from sound pressure levels measured on a surface enveloping a noise source (machinery or equipment) in a test environment for which requirements are given. The sound power level (or, in the case of noise bursts or transient noise emission, the sound energy level) produced by the noise source with frequency A-weighting applied is calculated using those measurements.

This Standard is identical with, and has been reproduced from, ISO 3746:2010, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Survey method using an enveloping measurement surface over a reflecting plane*.

As this document has been reproduced from an International Standard, the following applies:

- (a) In the source text “this International Standard” should read “this Australian/New Zealand Standard”.
- (b) A full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an ‘informative’ appendix or annex is only for information and guidance.

Committee EV-010, Acoustics Community Noise, consisting of the following, is responsible for the issue of this notice:

Acoustical Society of New Zealand
Association of Australasian Acoustical Consultants
Australian Acoustical Society
Austroads
Bureau of Steel Manufacturers of Australia
Department of Defence (Australian Government)
Engineers Australia
Master Builders Australia
Ministry of Health (New Zealand)
University of Sydney

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The logo for Standards Australia features a stylized graphic of overlapping yellow and orange shapes above the text "STANDARDS Australia".
STANDARDS
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The logo for Standards New Zealand features a stylized green and blue circular graphic above the text "STANDARDS NEW ZEALAND PAEREWĀ AOTEAROA".
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PAEREWĀ AOTEAROA

Standards Australia

Standards Australia is an independent company, limited by guarantee, which prepares and publishes most of the voluntary technical and commercial standards used in Australia. These standards are developed through an open process of consultation and consensus, in which all interested parties are invited to participate. Through a Memorandum of Understanding with the Commonwealth government, Standards Australia is recognized as Australia's peak national standards body.

Standards New Zealand

The first national Standards organization was created in New Zealand in 1932. The New Zealand Standards Executive is established under the Standards and Accreditation Act 2015 and is the national body responsible for the production of Standards.

Australian/New Zealand Standards

Under a Memorandum of Understanding between Standards Australia and Standards New Zealand, Australian/New Zealand Standards are prepared by committees of experts from industry, governments, consumers and other sectors. The requirements or recommendations contained in published Standards are a consensus of the views of representative interests and also take account of comments received from other sources. They reflect the latest scientific and industry experience. Australian/New Zealand Standards are kept under continuous review after publication and are updated regularly to take account of changing technology.

International Involvement

Standards Australia and Standards New Zealand are responsible for ensuring that the Australian and New Zealand viewpoints are considered in the formulation of international Standards and that the latest international experience is incorporated in national and Joint Standards. This role is vital in assisting local industry to compete in international markets. Both organizations are the national members of ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission).

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