

# Notice of Intention to Adopt International Standard

Identical adoption of:

ISO 3747:2010, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Engineering/survey methods for use in situ in a reverberant environment*

Public Consultation and Committee Ballot

Start date: 13 February 2019

Close date: 27 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](http://www.saiglobal.com), Standards New Zealand at [www.standards.govt.nz](http://www.standards.govt.nz) or from ISO at [www.iso.org](http://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 3747:201X.

## 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](http://www.saiglobal.com) or Standards New Zealand at [www.standards.govt.nz](http://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 a method for determining the sound power level or sound energy level of a noise source by comparing measured sound pressure levels emitted by a noise source (machinery or equipment) mounted *in situ* in a reverberant environment, with those from a calibrated reference sound source. The sound power level (or, in the case of noise bursts or transient noise emission, the sound energy level) produced by the noise source, in frequency bands of width one octave, is calculated using those measurements. The sound power level or sound energy level with frequency A-weighting applied is calculated using the octave-band levels.

This Standard is identical with, and has been reproduced from, ISO 3747:2010, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Engineering/survey methods for use in situ in a reverberant environment*.

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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### **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**

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