

# Australian/New Zealand Standard™

## Power transformers

### Part 10: Determination of sound levels (IEC 60076-10, Ed.1 (2001) MOD)



**AS/NZS 60076.10:2009**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-008, Power Transformers. It was approved on behalf of the Council of Standards Australia on 16 March 2009 and on behalf of the Council of Standards New Zealand on 20 March 2009.

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The following are represented on Committee EL-008:

Australian Chamber of Commerce and Industry  
Australian Industry Group  
Australian Institute of Petroleum  
Department of Environment, Water, Heritage and the Arts  
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Energy Efficiency & Conservation Authority of New Zealand  
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First published as part of AS C61—1931.  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-008, Power Transformers to supersede AS 2374.6—1994 on publication.

The objective of this Standard is to specify methods of measuring sound pressure and sound intensity so that the sound power levels emitted by power transformers and associated auxiliaries may be determined.

This Standard is an adoption with national modifications and has been reproduced from IEC 60076-10, Ed.1 (2001), *Power Transformers—Part 10: Determination of sound levels*, and has been varied as indicated to take account of Australian/New Zealand conditions.

Annex ZA contains the specified sound levels for transformers in Australia and New Zealand.

AS/NZS 60076.10.1, *Power Transformers—Part 10.1: Determination of sound levels—Application guide*, provides requirements and information for the application of this Standard.

Variations to IEC 60076-10, Ed.1 (2001) are indicated at the appropriate places throughout this standard. Strikethrough (~~example~~) identifies IEC text, tables and figures which, for the purposes of this Australian/New Zealand Standard, are deleted. Where text, tables or figures are added, each is set in its proper place and identified by shading (example). Added figures are not themselves shaded, but are identified by a shaded border.

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The form in Annex B, ‘Typical report of sound level determination’, may be reproduced freely for the purpose of reporting the results from the tests in this Standard.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

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