

Australian/New Zealand Standard™

**In-service safety inspection and  
testing—Second-hand equipment prior  
to sale**



## **AS/NZS 5761:2011**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-036, In-service Testing of Electrical Equipment. It was approved on behalf of the Council of Standards Australia on 6 July 2011 and on behalf of the Council of Standards New Zealand on 21 July 2011. This Standard was published on 4 August 2011.

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The following are represented on Committee EL-036:

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Australasian Lighting Industry Association  
Building Service Contractors of New Zealand (Inc.)  
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Consulting Interests New Zealand  
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testing—Second-hand equipment prior  
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## REFERENCED DOCUMENTS

Reference is made in this Standard to the following:

### JOINT AUSTRALIAN/NEW ZEALAND STANDARDS

AS/NZS 3112:2004	Approval and test specification – Plugs and socket-outlets
AS/NZS 3551:2004	Technical management programs for medical devices
AS/NZS 3760:2010	In-service safety inspection and testing of electrical equipment
AS/NZS 4701:2000	Requirements for domestic electrical appliances and equipment for reconditioning or parts recycling
AS/NZS 5762:2011	In-service safety inspection and testing – Repaired electrical equipment

### WEBSITES

[www.act.gov.au](http://www.act.gov.au)  
[www.consumer.org.nz/recalls](http://www.consumer.org.nz/recalls)  
[www.deet.nt.gov.au/wha/pages/electrical](http://www.deet.nt.gov.au/wha/pages/electrical)  
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[www.justice.tas.gov.au](http://www.justice.tas.gov.au)  
[www.recalls.gov.au](http://www.recalls.gov.au)  
[www.technicalregulator.sa.gov.au](http://www.technicalregulator.sa.gov.au)

## RELATED STANDARDS

The following Standards may also contain helpful information:

AS/NZS 3000:2007	Electrical installations (known as the Australian/New Zealand wiring rules)
AS/NZS 3001:2008	Electrical installations – Re-locatable premises (including caravans and tents) and their site installations
AS/NZS 3002:2008	Electrical installations – Shows and carnivals
AS/NZS 3004.1:2008	Electrical installations – Marinas and recreational boats – Part 1: Marinas
AS/NZS 3004.2:2008	Electrical installations – Marinas and recreational boats – Part 2: Recreational boats installations
AS/NZS 3012:2010	Electrical installations – Construction and demolition sites
AS/NZS 3019:2007	Electrical installations – Periodic verification
AS/NZS 3100:2009	Approval and test specification – General requirements for electrical equipment
AS/NZS 3112:2004	Approval and test specification – Plugs and socket-outlets
AS/NZS 3190:2009	Approval and test specification – Residual current devices (current-operated earth-leakage devices)
AS/NZS 3191:2008	Electric flexible cords
AS/NZS 3199:2007	Approval and test specification – Corded extension sets
AS/NZS 3350.1:2002	Safety of household and similar electrical appliances – Part 1: General requirements
AS/NZS 4249:1994	Electrical safety practices – Film, video and television sites
AS/NZS 4763:2011	Safety of portable inverters
AS/NZS ISO 9000:2006	Quality management systems – Fundamentals and vocabulary
AS/NZS ISO 31000:2009	Risk management standard – Principles and guidelines
AS/NZS 60335.1:2011	Household and similar electrical appliances – Safety – Part 1: General requirements
AS/NZS 61008.1:2004	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – Part 1: General rules
AS/NZS 61009.1:2004	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Part 1: General rules

## FOREWORD

The objective of this Standard is to ensure, in both Australia and New Zealand, the safety of subsequent users of second-hand electrical equipment intended for connection to the electrical supply mains, by providing to the seller, a regime for general safety inspection and testing. This will include not only electrical hazards but also other hazards such as non-working mechanical guards and cut-out devices.

This edition has undergone a substantial revision extending its scope so that the new owner receives an electrical item which has undergone an inspection and testing process encompassing safety aspects other than just electric shock concerns.

## OUTCOME STATEMENT

AS/NZS 5761 will, by providing a regime for general safety inspection and testing, assist sellers of second-hand electrical equipment to provide equipment which is safe to use. The Standard covers both electrical aspects of equipment and mechanical aspects such as guards and cut-out devices.

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

**Australian/New Zealand Standard**  
**In-service safety inspection and testing –**  
**Second-hand electrical equipment**  
**prior to sale**

## SECTION 1 SCOPE AND GENERAL

### 1.1 SCOPE

This Standard specifies procedures which shall be applied to household and similar electrical equipment, as detailed in Appendix A, prior to it being offered for sale. This equipment is intended for use in both domestic and workplace environments.

The procedures include not only the safety inspection and testing of low voltage single phase and polyphase **second-hand equipment** but also confirmation that safety measures such as mechanical guards are fitted and working correctly.

### 1.2 EXCEPTIONS

#### 1.2.1

This Standard shall not apply where an item has been treated in accordance with the provisions of AS/NZS 4701.

#### 1.2.2

This Standard does not apply to equipment whose nature is that of a medical device as defined in AS/NZS 3551.

### 1.3 INTERPRETATION

#### 1.3.1

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard while an 'informative' appendix is provided for information and guidance, and may indicate good practice. Non-compliance with an informative appendix shall not be seen as non-compliance with the Standard.

#### 1.3.2

For the purposes of this Standard, the word 'shall' refers to requirements that are essential for compliance with this Standard, while the word 'should' refers to practices that are advised or recommended.

#### 1.3.3

Words in **bold** in the text are defined in Clause 1.5 or in AS/NZS 3760.