

Australian/New Zealand Standard™

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



AS/NZS 5761:2005

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 25 July 2005 and on behalf of the Council of Standards New Zealand on 29 July 2005.
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The following are represented on Committee EL-036:

Appliance and Electronic Industry Association Inc - New Zealand
Australasian Lighting Industry Association
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers' Association
Australian National University
Black Diamond Technologies Ltd - New Zealand
Building Service Contractors of New Zealand
Canterbury Manufacturers' Association - New Zealand
Communications, Electrical Plumbing Union – Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-036 In-service Testing of Electrical Equipment.

This, the first edition, is closely aligned with the parent Standard on in-service testing of electrical appliances, AS/NZS 3760 "In-service safety inspection and testing of electrical equipment" and extends the process of inspection and testing expected to be performed on a second-hand appliance, before it is offered for sale to include consideration of faults not only likely to cause an electric shock, but also those which could cause injury to the purchaser from electrical burns or from a mechanical malfunction.

The term 'informative' has been used in this Standard to define the application of the Appendix to which it applies. 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.

CONTENTS

	<i>Page</i>
PREFACE.....	2
CONTENTS.....	3
FOREWORD	4
SECTION 1 SCOPE AND GENERAL.....	5
1 SCOPE	
1.1 EXCEPTIONS.....	5
1.2 GENERAL.....	5
1.3 REFERENCED DOCUMENTS.....	5
1.4 DEFINITIONS.....	5
SECTION 2 INSPECTION AND TESTS.....	6
2 GENERAL.....	6
2.1 TAG REMOVAL.....	6
2.2 PERSONNEL	6
2.3 INSPECTION AND TESTING	6
2.4 ACTION RESULTING FROM INSPECTION AND TESTING	6
2.5 DOCUMENTATION REQUIREMENTS.....	7
APPENDICES	
A EXAMPLES OF LABELS	8
B REGULATORY APPLICATION OF THIS STANDARD	9

FOREWORD

The objective of this Standard is to ensure, in Australia and New Zealand, the safety of subsequent users of second-hand electrical equipment intended for connection to the electrical supply mains, by offering to the Seller, Competent Person, Regulatory and similar organizations, a regime for inspection, testing and tagging.

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 SCOPE**

This Standard specifies procedures for the safety inspection and testing of low-voltage single-phase and poly-phase (e.g. nominal 240V and 415V) second-hand electrical equipment, prior to being offered for sale, and includes equipment intended for both domestic and workplace environments.

1.1 EXCEPTIONS

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

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

1.2 GENERAL

1.2.1 The inspection, testing and tagging regime described in AS/NZS 3760 is specified as the primary means of confirming the electrical safety of items before re-sale.

1.2.2 Additionally, there is a need to confirm the equipment is operationally safe to use by determining that the equipment is free of hazards which would lead to mechanical injury or electrical burns.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

3551 Technical management programs for medical devices

3760 In-service safety inspection and testing of electrical equipment

4701 Requirements for domestic electrical appliances and equipment for reconditioning or parts recycling

1.4 DEFINITIONS

For the purpose of this Standard, the definition listed below and the relevant definitions listed in AS/NZS 3760 shall apply.

1.4.1 Second-hand equipment

Electrical equipment from any source which is offered for sale as second-hand.