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**AS/NZS 3160:1996**

*Joint Amendment 1 - September 1993*  
" 2- January 1995  
" 3- March 1995  
" 4- August 1995

**AS/NZS 3160:1993**

**Australian/New Zealand Standard**

**Approval and test specification—  
Hand-held portable electric tools**

**STANDARDS AUSTRALIA**



**STANDARDS NEW ZEALAND**

## **AS/NZS 3160:1993**

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL/2, Electrical Approvals Standards. It was approved on behalf of the Council of Standards Australia on 2 April 1993 and on behalf of the Council of Standards New Zealand on 2 June 1993. It was published on 14 June 1993.

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The following interests are represented on Committee EL/2:

Australian Chamber of Commerce and Industry  
Australian Electrical and Electronic Manufacturers Association  
Consumer Electronics Suppliers Association, Australia  
Electrical regulatory authorities  
Electrical test laboratories  
Electrical Supply Association of Australia  
Electricity Supply Association, New Zealand  
Federal Bureau of Consumers Affairs, Australia  
Institution of Engineers, Australia  
Metal Trades Industry Association of Australia  
Ministry of Commerce (Energy Inspection), New Zealand  
New Zealand Electrical Institute  
New Zealand Electrical Range Manufacturers Association  
New Zealand Manufacturers Federation

In addition an electrical consultant and co-opted member were part of the Committee

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**AS/NZS 3160:1993**

## **Australian/New Zealand Standard**

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### **Approval and test specification— Hand-held portable electric tools**

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## PREFACE

This Standard is issued as a Joint Standard under the terms of the Active Cooperation Agreement between Standards Australia and Standards New Zealand.

This Standard was prepared by the Joint Australia/New Zealand Standards Committee EL/2 on Electrical Approvals Standards to supersede AS 3160—1989 and NZS/AS 3160:1989.

This Standard is one of a series of Approval and test specifications issued by Standards Australia and Standards New Zealand. In Australia, these Standards are to be read in conjunction with AS 3100, *Approval and test specification—General requirements for electrical equipment*. In New Zealand, they are to be read in conjunction with NZS 6200, *Specification for general requirements for electrical apparatus and material*. The purpose of these Standards is to outline the conditions which must be met to secure approval for the sale and use of electrical equipment. Only safety matters and related conditions are covered.

This Standard was revised to incorporate Amendments Nos 1, 2, 3 and 4 to AS 3160—1989 and to effect changes to Table 2 and Clause 19.5 to include abnormal operations tests.

Where there is a published Australian/New Zealand harmonized or Joint Standard referenced in this Standard, the New Zealand Standard number is given in parenthesis following the Australian Standard number.

This Standard supersedes AS 3160—1989 in Australia and NZS/AS 3160:1989 in New Zealand from date of publication with the exception of Table 2 and Clause 19.5 which come into effect 2 years from the date of publication.

This Standard does not provide all the necessary conditions for a contract.

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**Joint Amendment No. 1**  
**to**  
**AS/NZS 3160:1993**  
**Approval and test specification—**  
**Hand-held portable electric tools**

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**CORRECTION**

The 1993 edition of AS/NZS 3160 is amended as follows; the amendments should be inserted in the appropriate place.

*SUMMARY:* This Amendment applies to Clauses 3 and 5.

Published on 13 September 1993.

Approved for publication in New Zealand on behalf of the Standards Council of New Zealand on 30 July 1993.

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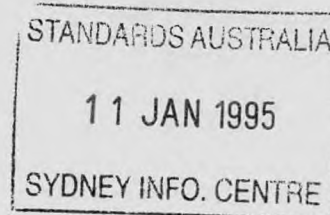
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**Amendment No. 2**  
**to**  
**AS/NZS 3160:1993**  
**Approval and test specification—**  
**Hand-held portable electric tools**

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**REVISED TEXT**



The 1993 edition of AS/NZS 3160 is amended as follows; the amendments should be inserted in the appropriate place.

*SUMMARY:* This Amendment applies to Clause 11.2.3 and 11.2.5.

Published on 5 January 1995.

Approved for publication in New Zealand on behalf of the Standards Council of New Zealand on 9 December 1994.

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