

Australian/New Zealand Standard™

**International Electrotechnical
Vocabulary**

**Part 0: Introduction and list of Parts
of AS 1852 and IEC 60050**

AS/NZS 1852.0:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE/13, Symbols, Units and Quantities for Electrotechnology. It was approved on behalf of the Council of Standards Australia on 21 January 2000 and on behalf of the Council of Standards New Zealand on 16 May 2000. It was published on 5 June 2000.

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Association of Consulting Engineers, Australia
Australian Chamber of Commerce and Industry
Department of Education Training and Employment, South Australia
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The IREE Society
Ministry of Commerce, New Zealand
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE/13, Symbols, Units and Quantities for Electrotechnology.

The objective of this Standard is to provide the electrotechnical community with an index of the Parts of the International Electrotechnical Vocabulary (IEV) and a description of the subject areas for which terminology has been developed.

The Index provides endorsement of all the Chapters (Parts) of the listed IEVs, unless stated otherwise.

The Index lists the number, title, abstract and relationship of each IEV Chapter to published Australian Standards.

Copies of IEC 60050 Chapters can be purchased from Standards Australia and Standards New Zealand. Electronic copies of the IEC Standards published since 1997, including Chapters of the IEV, are available for purchase by downloading from Standards Australia's web site.

There are eight subcategories of the Chapters of the IEV, namely:

Series	Subject
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100	General concepts
200	Materials
300	Measurement, regulation and calculation
400	Electric equipment
500	Electronic equipment
600	Generation, transmission and distribution of energy
700	Telecommunications
800	Particular applications

The terminology contained in the IEV is used by technical committees developing Standards. An alphabetical listing of the terms in the IEV can be found in the *IEC Multilingual Dictionary on CD-ROM* (see Clause 1.5 and Appendix C).

The term 'normative' has been used in this Standard to define the application of the Appendix to which it applies. A 'normative' Appendix is an integral part of a Standard.

CHANGE OF IEC PUBLICATION NUMBERS

Since 1997 all new IEC publications and parts, as well as new editions, revisions and amendments to existing publications have been issued with a designation in the 60000 series. Publications printed before 1997 will continue to carry the old series of numbers until such time as they are revised; however, these publications will appear with the new 60000 numbers in bibliographic reference material.

From 1997, the IEV will be referenced as IEC 60050. Changes to the numbering system are incorporated in this edition of AS/NZS 1852.0.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	4
1.2 THE INTERNATIONAL ELECTROTECHNICAL VOCABULARY (IEV) ..	4
1.3 ENDORSEMENT OF CHAPTERS OF THE IEV	4
1.4 REFERENCED DOCUMENTS	5
1.5 THE IEC MULTILINGUAL DICTIONARY ON CD-ROM	5
1.6 LANGUAGES USED IN THE IEV	5
SECTION 2 LIST OF CHAPTERS (PARTS) IN NUMERICAL ORDER	6
APPENDICES	
A LIST OF CURRENT PARTS OF AS 1852	20
B ALPHABETICAL INDEX OF THE CHAPTERS OF THE IEV	21
C THE MULTILINGUAL DICTIONARY ON CD-ROM	24

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard
International Electrotechnical Vocabulary

Part 0: Introduction and list of Parts of AS 1852 and IEC 60050

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE The AS/NZS 1852 series of Standards provides glossaries of terms used in electrotechnology. The series is based on the IEC 60050, *International Electrotechnical Vocabulary* (IEV), series of Standards.

This Part of AS/NZS 1852 lists all current Chapters (Parts) of IEC 60050, indicating the relevant equivalent Parts of AS 1852. Where there is no equivalent Part to AS 1852, reference should be made to the relevant IEC 60050 Chapter.

1.2 THE INTERNATIONAL ELECTROTECHNICAL VOCABULARY (IEV) The IEV is the International Standard defining vocabulary for electrotechnology. It is embodied in a continually updated database maintained by the International Electrotechnical Commission (IEC) and contains internationally agreed terms and definitions in various languages. It is a multipurpose project designed to standardize terminology and assist translations of technical documents and Standards. The vocabulary is issued as separate Chapters each dealing with a specific field.

The terms and definitions in the IEV have been prepared in English and French and, after they have been individually examined by national committees of the IEC in various countries, including Australia, and accepted, albeit with some revisions, they have been endorsed for translation and publication. Since 1970, the IEV has been published as Chapters of IEC Publication 60050 (previously Publication 50), after the approved terms and definitions have been produced in the required additional languages.

Technical English is now the *lingua franca* for specifications, contracts, technical writing and textbooks produced in Australia and New Zealand and for communication with Europe, Asia (Japan) and America. Standards Australia originally endorsed individual Chapters of the IEV in the AS 1852 series and later published them so that the English language version of the IEV was available in Australia. Standards New Zealand also endorsed Chapters of the IEC 60050 series.

Within each Chapter, terms are ordered by topics; indices in IEC Publication 60050 Chapters give the terms in that Chapter in alphabetical order in each language used. The AS 1852 Parts are indexed in English only.

1.3 ENDORSEMENT OF CHAPTERS OF THE IEV This Standard provides endorsement of all Chapters of the listed IEVs, unless stated otherwise in Section 2.

NOTES:

- 1 The current Parts of AS 1852 are listed in Appendix A.
- 2 An alphabetical index of the current Chapters of IEC 60050 is provided in Appendix B.