

Australian Standard®

**INTERNATIONAL
ELECTROTECHNICAL
VOCABULARY**

**Chapter 301—GENERAL TERMS ON
MEASUREMENTS
IN ELECTRICITY**

**Chapter 302—ELECTRICAL
MEASURING
INSTRUMENTS**

**Chapter 303—ELECTRONIC
MEASURING
INSTRUMENTS**

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Confederation of Australian Industry
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Department of Defence
Department of Technical and Further Education, N.S.W., Victoria and South Australia
Department of Transport and Communications (Commonwealth)
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PREFACE

This Standard was prepared by the Association's Committee on Symbols, Units and Quantities for Electrotechnology, under the authority of both the Telecommunications and Electronics Standards Board and the Electrical Standards Board. The three new chapters of this Standard (viz: Chapters 301, 302, 303) supersede AS 1852(20)—1970, *International Electrotechnical Vocabulary, Scientific and industrial measuring instruments*, which was withdrawn in March 1987.

This Standard is identical with and has been reproduced from IEC 50(301, 302, 303)—1978. Acknowledgement is accordingly made to the International Electrotechnical Commission for this assistance.

This edition of this Standard constitutes a revised and extended version of AS 1852(20)—1970. This extension essentially concerns the field of electronic instruments where the advent of digital techniques has had important repercussions on the measuring concepts themselves.

This Standard is one of the AS 1852 series of Standards. In the past, this series has consisted of direct endorsements of the IEC 50 series of the International Electrotechnical Vocabulary. In future, newly issued parts of IEC 50, where appropriate, will be issued as Australian Standards, i.e. not endorsements. The full text of the definitions in English, French and Russian has been included as some definitions are considered to be incomplete when produced in one language.

The purpose of the AS 1852 series is to provide a glossary of terms used in electrical engineering. The series lists terms in English, French and Russian, and in some cases Spanish. It is intended that other Australian Standards will refer to AS 1852 and not repeat any definitions.

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