Australian Standard®

INTERNATIONAL ELECTROTECHNICAL VOCABULARY

Chapter 301—GENERAL TERMS ON MEASUREMENTS IN ELECTRICITY

Chapter 302—ELECTRICAL MEASURING INSTRUMENTS

Chapter 303—ELECTRONIC MEASURING INSTRUMENTS

This Australian Standard was prepared by Committee TE/13, Symbols, Units & Quantities for Electrotechnology. It was approved on behalf of the Council of the Standards Association of Australia on 15 March 1988 and published on 17 June 1988.

The following interests are represented on Committee TE/13:

Australian Electrical and Electronic Manufacturers Association

Confederation of Australian Industry

Department of Administrative Services—Construction Group (Commonwealth)

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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First published as part of AS C50(20)—1970
(endorsement of IEC 50(20)—1958).
Redesignated as AS 1852(20)—1970
(endorsement of IEC 50(20)—1958).
Revised and redesignated AS 1852(301,302,303)—1988.

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 5061 9

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1852(20)—1970, *International Electrotechnical Vocabulary, Scientific and industrial measuring instruments*, which was withdrawn in March 1987.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.

CONTENTS