

AS 1931.2—1996
IEC 60-2:1994

Australian Standard[®]

High-voltage test techniques

Part 2: Measuring systems

This Australian Standard was prepared by Committee EL/7, Power Switchgear. It was approved on behalf of the Council of Standards Australia on 10 November 1995 and published on 5 March 1996.

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Australian British Chamber of Commerce
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Electricity Supply Association of Australia
Institution of Engineers, Australia
Railways of Australia
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This Standard was issued in draft form for comment as DR 95213.

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

ISBN 0 7337 0232 5

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/7 on Power Switchgear. It is identical with and has been reproduced from IEC 60-2:1994, *High-voltage test techniques*, Part 2: *Measuring systems*, to supersede AS 1931.2 — 1977, *High-voltage testing techniques*, Part 2: *Application guide for measuring devices*.

This Standard is the result of a consensus among representatives on the Joint Committee to produce it as an Australian Standard.

This Standard is Part 2 of AS 1931, *High-voltage test techniques*, which is published in Parts as follows:

- Part 1: General definitions and test requirements
Part 2: Measuring systems

The objective of this Standard, in addition to that stated in Clause 1, is to bring the superseded Standard into line with IEC 60-2.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the annexes to which they apply. A ‘normative’ annex is an integral part of a Standard, whereas an ‘informative’ annex is only for information and guidance.

As this Standard is reproduced from an international Standard, the following applies:

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<i>References to International Standard</i>		<i>Australian Standards</i>	
IEC		AS	
50	International Electrotechnical Vocabulary	1852	International Electrotechnical Vocabulary
50(301)	General terms on measurements in electricity	1852.301	General terms on measurements in electricity
50(302)	Electrical measuring instruments	1852.302	Electrical measuring instruments
50(303)	Electronic measuring instruments	1852.303	Electronic measuring instruments
50(321)	Instrument transformers	1852.321	Instrument transformers
51	Direct acting indicating analogue electrical-measuring instruments and their accessories	—	
52	Recommendations for voltage measurement by means of sphere-gaps (one sphere earthed)	2886	Voltage measurement — Sphere-gap method (one sphere earthed)
60	High-voltage test techniques	1931	High-voltage test techniques
60-1	Part 1: General definitions and test requirements	1931.1	Part 1: General definitions and test requirements
71	Insulation co-ordination	1824	Insulation co-ordination
71-1	Part 1: Definitions, principles and rules	1824.1	Part 1: Definitions, principles and rules

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IEC 790	Oscilloscopes and peak voltmeters for impulse tests	AS —	
833	Measurement of power-frequency electric fields	3720	Measurement of power-frequency electric fields
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1083.1	Part 1: Requirements for digital recorders		

Originated as AS 1931.2— 1977.
Second edition 1996.

Incorporating:
Amdt 1—1997

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