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AS 1931.1—1996

IEC 60-1:1989

IEC 60-1:1989/Cor.:1992

Australian Standard®

High-voltage test techniques

Part 1: General definitions and test requirements

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.

The following interests are represented on Committee EL/7:

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
Testing Interests, Australia
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This Standard was issued in draft form for comment as DR 95212.

AS 1931.1—1996

Australian Standard®

High-voltage test techniques

Part 1: General definitions and test requirements

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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 60-1:1989, *High-voltage test techniques*, Part 1: *General definitions and test requirements*, and the Corrigendum to supersede AS 1931.1—1976, *High voltage testing techniques*, Part 1: *General definitions, test requirements, test procedures and 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 1 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 2, is to bring it into line with IEC 60-1.

The correction required by the Corrigendum is marked with a marginal bar.

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

- (a) Its number is shown only on the cover and title page, while the international Standard number appears only on the cover.
- (b) In the source text, 'this International Standard' should read 'this Australian Standard'.
- (c) A full point substitutes for a comma when referring to a decimal marker.

References to international Standards should be replaced by equivalent Australian Standards, as follows:

References to International Standard		Australian Standards	
IEC		AS	
34 34-4	Rotating electrical machines Part 4: Methods for determining synchronous machine quantities from tests	_	
52	Recommendations for voltage measurement by means of sphere- gaps (one sphere earthed)	2886	Voltage measurement—Sphere-gap method (one sphere earthed)
60 60-3 60-4	High-voltage test techniques Part 3: Measuring devices Part 4: Application guide for measuring devices	1931 1931.2	High-voltage test techniques Part 2: Measuring systems
270	Partial discharge measurements	1018	Partial discharge measurements
507	Artificial pollution tests on high- voltage insulators to be used on a.c. systems	_	

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