

**AS 1931.1—1996**

IEC 60-1:1989

IEC 60-1:1989/Cor.:1992

Australian Standard<sup>®</sup>

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## **High-voltage test techniques**

### **Part 1: General definitions and test requirements**

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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  
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Institution of Engineers, Australia  
Railways of Australia  
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*This Standard was issued in draft form for comment as DR 95212.*

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### **Part 1: General definitions and test requirements**

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

ISBN 0 7337 0231 70

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

<i>References to International Standard</i>		<i>Australian Standards</i>	
IEC		AS	
34	Rotating electrical machines	—	
34-4	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	High-voltage test techniques	1931	High-voltage test techniques
60-3	Part 3: Measuring devices	1931.2	Part 2: Measuring systems
60-4	Part 4: Application guide for measuring devices		
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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