AS 4362.1—1996
IEC 1180-1:1992

Australian Standard®

High-voltage test techniques for low-voltage equipment

Part 1: Definitions, test and procedure requirements

This Australian Standard was prepared by Committee EL/7, Power Switchgear. It was approved on behalf of the Council of Standards Australia on 22 November 1995 and published on 5 February 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

WorkCover Authority of N.S.W.

This Standard was issued in draft form for comment as DR 95223.

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PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140
ISBN 0 7337 0242 2

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 1180-1:1992, *High-voltage test techniques for low-voltage equipment*, Part 1: *Definitions, test and procedure requirements.*

It 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 4362, *High-voltage test techniques for low-voltage equipment*, which is published in two Parts as follows:

Part 1: Definitions, test and procedure requirements
Part 2: Test equipment

It covers the high-voltage testing of low-voltage equipment and is based on AS 1931.1—1996.

The term 'informative' has been used in this Standard to define the application of the annex to which it applies. An 'informative' annex is only for information and guidance.

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 Standard*	
IEC		AS	
68	Environmental testing	1099	Basic environmental testing procedures for electrotechnology
68-1	Part 1: General and guidance	1099.1	Part 1: General
270	Partial discharge measurements	1018	Partial discharge measurements
664	Insulation co-ordination within low-voltage systems including clearances and creepage distances for equipment		

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