

Australian/New Zealand Standard™

**Conduits and fittings for electrical
installations**

Part 1: General requirements



standards Australia



STANDARDS
NEW ZEALAND
Te Kaitiaki Take Kōwhiri

AS/NZS 2053.1:2001

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-004, Electrical Accessories. It was approved on behalf of the Council of Standards Australia on 21 May 2001 and on behalf of the Council of Standards New Zealand on 8 June 2001. It was published on 12 July 2001.

The following interests are represented on Committee EL-004:
Australasian Railway Association
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Canterbury Manufacturers Association, New Zealand
Consumer Electronic Suppliers Association
Electricity Supply Association of Australia
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AS/NZS 2053.1:2001

Australian/New Zealand Standard™

Conduits and fittings for electrical installations

Part 1: General requirements

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-004, Electrical Accessories to supersede AS/NZS 2053.1:1995, *Conduits and fittings for electrical installations Part 1: General requirements*, upon publication.

The objective of this Standard is to provide manufacturers, regulators, test laboratories and users with general requirements for conduits and fittings.

This Standard is Part 1 of the following series:

AS/NZS

2053	Conduits and fittings for electrical installations
2053.1	Part 1: General requirements (this Standard)
2053.2	Part 2: Rigid plain conduits and fittings of insulating material
2053.3	Part 3: Rigid plain conduits and fittings of fibre-reinforced concrete material
2053.4	Part 4: Flexible plain conduits and fittings of insulating material
2053.5	Part 5: Corrugated conduits and fittings of insulating material
2053.6	Part 6: Profile-wall, smooth-bore conduits and fittings of insulating material
2053.7	Part 7: Rigid metal conduits and fittings
2053.8	Part 8: Flexible conduits and fittings of metal or composite material

This Standard was revised to introduce the following changes:

- (a) Revision of the requirements for the protection of conduits and fittings.
- (b) Clarification of dimensional requirements.
- (c) Electromagnetic compatibility.
- (d) Revision of the test of resistance to impact.
- (e) Revision of the test of ignitability and flame propagation.
- (f) Revision of the test of level of protection of steel conduits and fittings against corrosive or polluting substances.
- (g) Miscellaneous editorial changes.

Appendices designated as normative are essential to the understanding or implementation of this Standard.

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