Australian/New Zealand Standard®

Electric cables—Reeling and trailing—For underground coal mining purposes

AS/NZS 1802:1995

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL/3, Electric Wires and Cables. It was approved on behalf of the Council of Standards Australia on 4 October 1995 and on behalf of the Council of Standards New Zealand on 4 August 1995. It was published on 5 December 1995.

The following interests are represented on Committee EL/3:

Australian Electrical and Electronic Manufacturers Association Department of Defence, Australia Electrical regulatory authorities Electricity Supply Association of Australia Ministry of Commerce, New Zealand New Zealand Electrical Contractors Association New Zealand Electrical and Electronic Manufacturers Federation Office of Energy, N.S.W. Railways of Australia Committee Testing interests

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This Standard was issued in draft form for comment as DR 95012.

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Electric cables—Reeling and trailing—For underground coal mining purposes

PUBLISHED JOINTLY BY:

STANDARDS AUSTRALIA 1 The Crescent, Homebush NSW 2140 Australia

STANDARDS NEW ZEALAND Level 10, Standards House, 155 The Terrace, Wellington 6001 New Zealand

ISBN 0 7337 0162 0

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/3, on Electric Wires and Cables to supersede AS 1802—1992 and NZS/AS 1802—1992, *Electric cables—Reeling and trailing—For underground coal mining purposes*.

The Standard aligns with AS 2802—1992, *Electric cables—Reeling and trailing—For mining and general use (other than underground coal mining)* for cables that have been developed to meet the special requirements of the Australian surface mining industry. The objective of this Standard is to specify construction and tests of reeling and trailing cables for use in underground coal mines.

The objective of the revision is to add new Type 245 cable and convert to a Joint Standard.

This revised Standard differs from the superseded Standard as follows:

- (a) It is published as a Joint Australian/New Zealand Standard.
- (b) Type 245 cable has been added.
- (c) References to tests under consideration have been deleted for insulating properties of sheaths and needle penetration tests for semi-conductive screen.
- (d) Appendix E has been re-located into Clause 7.
- (e) High voltage a.c. test voltages have been increased.

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

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