

AS/NZS 1802:1995

Australian/New Zealand Standard[®]

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

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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.
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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This revised Standard differs from the superseded Standard as follows: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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CONTENTS

	<i>Page</i>
FOREWORD	5
1 SCOPE	6
2 REFERENCED DOCUMENTS	6
3 DEFINITIONS	6
4 VOLTAGE DESIGNATION	8
5 DESIGNATION AND APPLICATION	8
6 MAXIMUM CONDUCTOR TEMPERATURES	9
7 POWER, EARTH AND PILOT CONDUCTORS (other than central pilot/control cores and composite earth screens)	10
8 CENTRAL PILOT/CONTROL CORES (Types 209, 210, 241, 245, 275, 280A and 280B only)	12
9 CONDUCTOR SCREEN	12
10 INSULATION OR COVERING ON CONDUCTORS (other than earth conductors)	13
11 TAPE OVER INSULATION OR COVERING, OTHER THAN SEMICONDUCTIVE TAPE (Types 209, 210, 240 and 260 only)	15
12 INSULATION SCREEN (non-metallic and composite)	15
13 IDENTIFICATION OF CORES	17
14 CRADLE SEPARATORS	18
15 SEMICONDUCTIVE ELASTOMER COVERING FOR INTERSTITIAL EARTH CONDUCTORS (Types 241, 245, 275, 280A and 280B only)	19
16 LAYING UP OF CORES (other than Type 217)	19
17 SEMICONDUCTIVE ELASTOMER SCREEN FOR CORE ASSEMBLY (Types 241, 245, 275, 280A and 280B only)	19
18 REINFORCEMENT FOR CORE ASSEMBLY (Types 217, 241, 245, 275, 280A and 280B only)	20
19 INNER SHEATH (Type 260 only)	20
20 PLIABLE ARMOUR (Type 260 only)	21
21 OUTER SHEATH (all cables)	21
22 OPTIONAL OUTER SHEATH REINFORCEMENT (Types 209, 240 and 260 only)	22
23 CONSTRUCTION AND DIMENSIONS (All cables)	22
24 JOINTS IN COMPLETED CABLE LENGTHS	24
25 TESTS	24
26 FIGURES OF CONSTRUCTION AND TABLES OF DIMENSIONS	32
27 MARKING (all cables)	51
 TABLES	
1 TYPES OF CABLES	9
2 MAXIMUM CONDUCTOR TEMPERATURE	10
3 CONDUCTORS OTHER THAN INTERSTITIAL AND CENTRAL PILOT AND EARTH CONDUCTORS	10
4 TESTS AND CRITERIA FOR INSULATION	14
5 CORE IDENTIFICATION METHOD	18
6 COLOURS AND ROTATIONAL SEQUENCE	18

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