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AS/NZS 5000.1:2005 (R2016) Electric cables - Polymeric insulated - For working voltages up to and including 0.6/1 (1.2) kV

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Abbreviation

AS/NZS 5000.1:2005

Amendment

A1 - incorporated. Published 06/12/2006.

Valid from

16/11/2005

Information provider

Standards New Zealand

Author

Standards New Zealand, Standards Australia

Information type

New Zealand Standard

Format

PDF

Cited By

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Description

This Standard specifies construction, dimensions and tests for single- and multicore cables insulated with polymeric materials intended for use in electrical installations at working voltages up to and including 0.6/1 (1.2) kV.

Scope

This Standard does not apply to polymeric insulated cables for special installations and service conditions or for which there are separate Australian/New Zealand Standards, e.g. neutral screened cables, welding cables, flexible cords and aerial bundled cables.

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- [G12/AS1 \(Third Edition, Amendment 10\)](#)

AS/NZS 5000.1:2005 is cited by Acceptable Solution G12/AS1: Water Supplies from 30/09/2010

- [G12/AS1 \(Third Edition, Amendment 8\)](#)

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- [G12/AS1 \(Third Edition, Amendment 12\)](#)

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- [G12/AS1 \(Third Edition, Amendment 7\)](#)

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- [G12/AS1 \(Third Edition, Amendment 9\)](#)

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- [G12/AS1 \(Third Edition, Amendment 11\)](#)

AS/NZS 5000.1:2005 is cited by Acceptable Solution G12/AS1: Water Supplies from 30/09/2010

- [AS/NZS 5000.2:2006](#)

AS/NZS 5000.1:2005 is cited by AS/NZS 5000.2:2006 (R2016) Electric cables - Polymeric insulated - For working voltages up to and including 450/750 V

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voltages up to and including 0.6/1 (1.2) kV

This document CITES:

New Zealand Standards

- [AS/NZS 1125:2001](#)

AS/NZS 5000.1:2005 cites AS/NZS 1125:2001 Conductors in insulated electric cables and flexible cords

- [AS/NZS 1660.1:1998](#)

AS/NZS 5000.1:2005 cites AS/NZS 1660.1:1998 (R2016) Test methods for electric cables, cords and conductors - Conductors and metallic components

- [AS/NZS 1660.2.1:1998](#)

AS/NZS 5000.1:2005 cites AS/NZS 1660.2.1:1998 (R2016) Test methods for electric cables, cords and conductors - Insulation, extruded semi-conductive screens and non-metallic sheaths - Methods for general application

- [AS/NZS 1660.2.2:1998](#)

AS/NZS 5000.1:2005 cites AS/NZS 1660.2.2:1998 (R2016) Test methods for electric cables, cords and conductors - Insulation, extruded semi-conductive screens and non-metallic sheaths - Methods specific to elastomeric, XLPE and XLPVC materials

- [AS/NZS 1660.2.3:1998](#)

AS/NZS 5000.1:2005 cites AS/NZS 1660.2.3:1998 (R2016) Test methods for electric cables, cords and conductors - Insulation, extruded semi-conductive screens and non-metallic sheaths - Methods specific to PVC and halogen free thermoplastic materials

- [AS/NZS 1660.3:1998](#)

AS/NZS 5000.1:2005 cites AS/NZS 1660.3:1998 (R2016) Test methods for electric cables, cords and conductors - Electrical tests

- [AS/NZS 1660.5.6:2005](#)

AS/NZS 5000.1:2005 cites AS/NZS 1660.5.6:2005 Test methods for electric cables, cords and conductors - Fire tests - Test for vertical flame propagation for a single insulated wire or cable

- [AS/NZS 2893:2002](#)

AS/NZS 5000.1:2005 cites AS/NZS 2893:2002 (R2016) Electric cables - Lead and lead alloy sheaths - Composition

- [AS/NZS 3000:2000](#)

AS/NZS 5000.1:2005 cites AS/NZS 3000:2000 Electrical installations (known as the Australian/New Zealand Wiring Rules)

- [AS/NZS 3808:2000](#)

AS/NZS 5000.1:2005 cites AS/NZS 3808:2000 (R2016) Insulating and sheathing materials for electric cables

- [AS/NZS 3863:2002](#)

AS/NZS 5000.1:2005 cites AS/NZS 3863:2002 (R2016) Galvanized mild steel wire for armouring of cables

- [AS/NZS 4507:1998](#)

AS/NZS 5000.1:2005 cites AS/NZS 4507:1998 Cables - Fire performance

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