

AS/NZS 2033:2008
(Incorporating Amendment Nos 1 and 2)

AS/NZS 2033:2008

Australian/New Zealand Standard™

Installation of polyethylene pipe systems



AS/NZS 2033:2008

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee PL-006, Polyolefin Pipe Systems. It was approved on behalf of the Council of Standards Australia on 10 April 2008 and on behalf of the Council of Standards New Zealand on 9 April 2008.

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The following are represented on Committee PL-006:

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Certification Interests (Australia)
CSIRO Manufacturing & Infrastructure Technology
Energy Networks Association
Engineers Australia
Master Plumbers, Gasfitters and Drainlayers New Zealand
New Zealand Water and Waste Association
Plastics Industry Pipe Association of Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee PL-006, Polyolefin Pipe Systems to supersede AS 2033—1980.

This Standard incorporates Amendment No. 1 (October 2008) and Amendment No. 2 (June 2009). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to provide uniform procedures for the installation of polyethylene (PE) pipe systems for both above and below ground applications.

The objective of this revision is to update the Standard with respect to current practice and publish it as a joint Australian/New Zealand Standard.

This Standard primarily addresses the installation of polyethylene (PE) pipes and fittings for plumbing, industrial and irrigation applications and is not intended to replace industry specific installation codes or regulations.

For plumbing applications, reference should also be made to AS/NZS 3500, *Plumbing and drainage* (all parts). For above ground applications using structured wall pipes, reference should also be made to the manufacturer.

For installations conveying gaseous fluids, reference should be made to AS 5601, *Gas installations* and AS 3723, *Installation and maintenance of plastics pipe systems for gas*, as appropriate and in New Zealand NZS 5258, *Gas distribution*.

NOTE: Reference to AS 3723 correct at time of publishing, however, future reference will be made to AS 4645, *Gas distribution networks*, Part 3: *Plastics pipe systems*.

For water supply and sewerage network infrastructure involving the design and installation of PE pipe systems, reference should be made to Water Services Association of Australia (WSAA) codes.

For design and installation of buried flexible pipelines, reference should be made to AS/NZS 2566.1, *Buried flexible pipelines* Part 1: *Structural design* and AS/NZS 2566.2, *Buried flexible pipelines*, Part 2: *Installation* or ISO 21138-1.

A bibliography is provided in Appendix A for references that may be used to provide more detailed explanations or information regarding the installation of PE pipes.

For electrical installations, reference should be made to AS/NZS 3000, *Electrical installations (known as the Australian/New Zealand Wiring Rules)*.

Australian and New Zealand Standards generally do not—

- (a) restate the duties of employers, employees, designers and installers; or
- (b) determine the applicability of regulatory limitations; or
- (c) determine appropriate health and safety practices.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard. Notes to text are for information and guidance only.

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

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