

AS/NZS 4058:2007

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Australian/New Zealand Standard™

Precast concrete pipes (pressure and non-pressure)



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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WS-006, Concrete Pipes. It was approved on behalf of the Council of Standards Australia on 22 January 2007 and on behalf of the Council of Standards New Zealand on 19 December 2006.

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The following are represented on Committee WS-006:

Australasian Railway Association
Australian Chamber of Commerce and Industry
Brisbane City Council
Business New Zealand
Concrete Pipe Association of Australasia
Engineers Australia
Main Roads Department, QLD
Master Builders Australia
New Zealand Water and Waste Association
Precast New Zealand
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS—006, Concrete Pipes, to supersede AS 4058—1992, *Precast concrete pipes (pressure and non-pressure)* and NZS 3107:1978, *Specification for precast concrete drainage and pressure pipes*.

The objective of this revision is to update the Standard for publication as a joint Australian/New Zealand Standard.

Where a choice is given between an Australian Standard and a New Zealand Standard (for example, Testing) the Australian Standard will apply in Australia and the New Zealand Standard in New Zealand.

Users of the Standard are reminded that the means for determining whether a pipe, manufactured in accordance with this Standard, is suitable for a particular loading application, are contained in AS/NZS 3725, *Design for installation of buried concrete pipes*.

The in-service life of a pipeline installation is dependent on the pipe's manufacture, application and installation conditions. Based on past experience of concrete pipe installations, a service life of 100 years could be expected when pipes are manufactured in accordance with this Standard and installed in accordance with AS/NZS 3725 in a 'normal environment' and 'marine environment', as defined in this Standard. Pipes subject to 'other environments' (i.e. more aggressive) should be assessed for suitability using appropriate engineering judgement. See Appendix E of this Standard.

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.

Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of this Standard. All other notes are for information only.

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