AS/NZS 2280:2020 (Incorporating Amendment No. 1)





Australian/New Zealand Standard™

Ductile iron pipes and fittings



AS/NZS 2280:2020

This Joint Australian/New Zealand Standard[™] was prepared by Joint Technical Committee WS-016, Cast Iron Pressure Pipes And Fittings. It was approved on behalf of the Council of Standards Australia on 10 March 2020 and by the New Zealand Standards Approval Board on 18 December 2019.

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The following are represented on Committee WS-016:

Australian Building Codes Board
Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Water Association
Casting Technology New Zealand
Plastics Industry Pipe Association of Australia
Plastics New Zealand
SAI Global (Certification Interests Australia)
Water New Zealand
Water Services Association of Australia

This Standard was issued in draft form for comment as DR AS/NZS 2280:2019.

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(Incorporating Amendment No. 1)

Australian/New Zealand Standard™

Ductile iron pipes and fittings

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-016, Cast Iron Pressure Pipes and Fittings, to supersede AS/NZS 2280:2014.

h This Standard incorporates Amendment No. 1 (June 2021). 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 a standard manufacturing specification to be used by manufacturers and purchasers of ductile iron pressure pipes and fittings.

The major changes to this revision A are as follows (4):

- (a) Inclusion of a calculation method to determine minimum wall thickness values for fittings with alternative pressure classifications.
- (b) Inclusion of prescriptive wall thickness values for PN 16 and PN 20 fittings.
- (c) Modification to fittings design verification test procedures.
- (d) Amendment to tensile properties of ductile iron for fittings.
- (e) Removal of liquid applied coatings and cement mortar lining options for fittings.
- (f) Modification to lifting lug and thrust pad requirements.

Relevant Standards relating to the installation of ductile iron pipes and fittings are listed in the Bibliography.

The terms "normative" and "informative" are used in Standards to define the application of the appendices to which they apply. A "normative" appendix is an integral part of a Standard, whereas an "informative" appendix is only for information and guidance.

Notes to text are for information and guidance only.

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