

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



Australian/New Zealand Standard™

Ductile iron pipes and fittings



AS/NZS 2280:2020

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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

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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.

A1 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. **A1**

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 **A1** are as follows **A1**:

- (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.

Contents

Preface	ii
Introduction	v
Section 1 Scope and general	1
1.1 Scope.....	1
1.2 Normative references.....	1
1.3 Terms and definitions.....	2
1.4 Notation.....	4
1.5 Product conformity evaluation to this Standard.....	4
1.6 Pressure classification.....	4
1.6.1 General.....	4
1.6.2 Pipe.....	4
1.6.3 Fittings.....	5
1.6.4 Flanged pipe.....	6
1.7 Allowable pipeline pressures.....	6
1.8 Marking.....	7
1.8.1 Pipes.....	7
1.8.2 Fittings.....	8
1.8.3 Flanged pipe.....	8
1.8.4 Pipes and fittings not suitable for drinking water.....	8
Section 2 Materials and manufacture	9
2.1 Ductile iron.....	9
2.1.1 Properties.....	9
2.1.2 Tensile properties.....	9
2.1.3 Hardness.....	9
2.1.4 Microstructure.....	9
2.1.5 Mode of pipe casting.....	9
2.1.6 Finish.....	10
2.2 Contact with drinking and recycled water.....	10
2.3 Preparation of pipes and fittings for coatings and linings.....	10
2.4 Coatings.....	10
2.4.1 General.....	10
2.4.2 Pipe coatings.....	10
2.4.3 Fitting coatings.....	10
2.5 Linings.....	11
2.5.1 General.....	11
2.5.2 Cement mortar lining intended for drinking and recycled water applications.....	11
2.5.3 Calcium aluminate cement mortar lining.....	11
2.5.4 Thermal-bonded polymeric linings.....	12
2.6 Elastomeric seals.....	12
2.7 Flange gasket materials.....	12
Section 3 Design of pipes, fittings and joints	13
3.1 Spigot and socket pipes.....	13
3.1.1 Dimensions.....	13
3.1.2 Tolerances on dimensions.....	13
3.2 Flanged pipe.....	13
3.2.1 Dimensions.....	13
3.2.2 Flanges.....	13
3.2.3 End options.....	14
3.2.4 Tolerances.....	14
3.3 Pipes with bolt-on puddle flanges.....	14
3.4 Fittings.....	14
3.4.1 Dimensions.....	14
3.4.2 Spigots.....	15

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