

AS/NZS 2544:1995

Australian/New Zealand Standard

Grey iron pressure fittings

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS/16 on Cast Iron Pressure Pipes and Fittings to supersede AS 2544—1982, *Grey iron pressure pipes and fittings*, because of a revision of AS 2280, *Ductile iron pressure pipes and fittings*, and the publication of AS 4087, *Metallic flanges for waterworks purposes*. It is issued as a Joint Standard.

The objective of this document is to provide a standard manufacturing specification to be used by manufacturers and purchasers of grey iron pressure fittings.

Requirements for pipes have been removed from this Standard as grey iron pipes are no longer manufactured for pressure applications.

Fittings dealt with by this Standard are intended primarily for use with water supply pressure pipes having compatible outside diameters, but can be used with other pressure pipes by means of suitable adaptors. Tables in this Standard relate only to the dimensions of the bodies and spigot ends of fittings.

Flanged joints shall be in accordance with AS 4087.

This Standard sets out manufacturing requirements and dimensions for fittings. The works hydrostatic test pressures specified in Clause 3.3 are intended primarily to detect casting flaws and bear no relation to safe working pressures for the fittings. As stated in the Foreword, no attempt has been made to relate wall thicknesses of fittings to any particular working pressure.

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.

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