

Australian Standard™

**Pipelines—Gas and liquid
Petroleum**

Part 1: Design and construction



This Australian Standard was prepared by Committee ME/38, Petroleum Pipelines. It was approved on behalf of the Council of Standards Australia on 2 April 1997 and published on 5 May 1997.

The following interests are represented on Committee ME/38:

Alinta Gas, Australia
Australasian Corrosion Association
Australasian Institute of Mining and Metallurgy
Australian Gas Association
Australian Institute for Non-destructive Testing
Australian Institute of Petroleum
Australian Pipeline Industry Association
Bureau of Steel Manufacturers of Australia
Co-operative Research Centre for Materials, Welding and Joining
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(Incorporating Amendment No. 1)

Australian Standard™

Pipelines—Gas and liquid petroleum

Part 1: Design and construction

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/38 on Petroleum Pipelines, to supersede AS 2018—1981, *Liquid petroleum pipelines*, and AS 2885—1987, *Pipeline—Gas and liquid petroleum*, as well as the parts of AS 1697—1981, *Gas transmission and distribution systems* that relate to an MAOP of more than 1050 kPa or a hoop stress of more than 20%.

This Standard is the result of a consensus among Australian and New Zealand representatives on the Joint Committee to produce it as an Australian Standard.

This Standard incorporates Amendment No. 1 (April 2001). 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 requirements for the design and construction of steel pipelines and associated piping and components that are used to transmit single phase and multiphase hydrocarbon fluids.

This Standard is one of the following series, which refers to high pressure petroleum pipelines:

AS

2885 Pipelines—Gas and liquid petroleum

2885.1 Part 1: Design and construction (this Standard)

2885.2 Part 2: Welding

2885.3 Part 3: Operation and maintenance

Gas pipelines with a pressure of less than 1050 kPa and a hoop stress of less than 20% are covered by AS 1697, and it is intended to publish a new Standard to cover low pressure liquid pipelines.

A1 | Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of the 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.

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