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AS 2885.0—2008
(Incorporating Amendment Nos 1 and 2)

AS 2885.0—2008

Australian STANDARD

Pipelines—Gas and liquid petroleum

Part 0: General requirements

STANDARDS Australia

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The following are represented on Committee ME-038:

- APIA Research and Standards Committee
- Australasian Corrosion Association
- Australian Chamber of Commerce and Industry
- Australian Institute of Petroleum
- Australian Pipeline Industry Association
- Bureau of Steel Manufacturers of Australia
- Department of Consumer and Employment Protection, WA
- Department of Mines and Energy, Qld
- Department of Primary Industry, Fisheries and Mines, NT
- Department of Water and Energy, NSW
- Energy Networks Association
- Energy Safe Victoria
- Gas Association of New Zealand
- Primary Industries and Resources, SA
- Welding Technology Institute of Australia

This Standard was issued in draft form for comment as DR 07444.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Part 0: General requirements

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PREFACE

This Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee ME-038, Petroleum Pipelines. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard. It is the general and unifying Standard for a suite of
A1 Standards covering high pressure petroleum pipelines. The AS 2885 series comprises the following:

AS
2885 Pipelines—Gas and liquid petroleum
2885.0 Part 0: General requirements (this Standard)
2885.1 Part 1: Design and construction
2885.2 Part 2: Welding
2885.3 Part 3: Operation and maintenance
2885.4 Part 4: Offshore submarine pipeline systems
A1 **'Text deleted'**

A1 AS/NZS
2885 Pipelines—Gas and liquid petroleum
2885.5 Part 5: Field pressure testing

This Standard incorporates Amendment No. 1 (September 2012) and Amendment No. 2 (September 2015). 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 Amendment No. 1 corrects the minimum temperature of pipelines within the scope of this Standard, and introduces new requirements for approval required as part of the harmonization process of each part of the Standard. It also recognizes that the Standard (AS 2885) may be used for pipelines designed to transport fluids that are predominantly carbon dioxide.

A2 Where the amendments to this Standard result in conflict with other Parts of AS 2885 that have an earlier publication date, the requirements of this Part take precedence.

Other Standards play a primary and direct role in achieving the purposes of the ME-038 Committee. The other Standards that are currently published by the Committee are the following:

AS 1518 External extruded high-density-polyethylene coating system for pipes

AS 4822 External field joint coatings for steel pipelines

AS/NZS 3862 External fusion bonded epoxy coating for steel pipes

The need for Part 0, *General requirements* (this Standard) arose in 1995 when AS 2885.2, *Welding*, was issued to supersede Section 7 of AS 2885—1987, and thus became the first separate part of what was formerly a single document. AS 2885.1, *Design and construction*, and AS 2885.3, *Operation and maintenance*, were then issued in 1997.

In the use of these parts it became apparent to Committee ME-038 that the function and clarity of the series would be improved by the preparation of an overarching document to deal with the issues common to all of the parts, and to provide a vehicle for editorial clarity and simplicity.

On this basis Subcommittee ME-038-01 undertook the drafting of Part 0 (this Standard).

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As each of the parts of AS 2885 series is revised it will recognize, and be made consistent with, Part 0.

AS 2885.4 defines the application of DNV OS-F101 (*Det Norske Veritas*, *Offshore Standard for submarine pipeline systems*) for design, construction and operation of offshore submarine pipelines within AS 2885. DNV OS-F101 is a complete Standard and, except as defined in AS 2885.4, the requirements of Parts 0, 1, 2, 3 and 5 of AS 2885 do not apply.

The terms ‘normative’ and ‘informative’ are 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.

Committee ME-038 has considered the need for the AS 2885 series of Standards in the face of increasing worldwide use of international Standards. Appendix B to this Standard is an informative appendix setting out the Committee’s reasons to justify the retention of an Australian Standard covering the scope set out herein.

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