

Australian Standard™

Pipelines—Gas and liquid petroleum

Part 3: Operation and maintenance

This Australian Standard was prepared by Committee ME-038, Petroleum Pipelines. It was approved on behalf of the Council of Standards Australia on 27 July 2001 and published on 6 August 2001.

The following interests are represented on Committee ME-038:

Australian Corrosion Association
Australian Gas Association
Australian Institute of Petroleum
Australian Petroleum Production and Exploration Association
Australian Pipeline Industry Association
Bureau of Steel Manufacturers of Australia
Cooperative Research Centre for Materials, Welding and Joining
Department of Labour New Zealand
Department of Minerals and Energy WA
Department of Mines and Energy (NT)
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Pipelines—Gas and liquid petroleum

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PREFACE

This Standard was prepared by the joint Standards Australia/Standards New Zealand Committee ME-038, Petroleum Pipelines, to supersede AS 2885.3 —1997.

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 has been reviewed and revised to correlate with the requirements of Safety Case.

Due to significant changes in the industry and the regulatory environment, the Standard has been restructured, and is based on Pipeline Integrity Management philosophy.

Changes have been made to the Standard to enable it to be viewed as a stand-alone document whilst retaining and strengthening the references to AS 2885.1 and AS 2885.2.

The readability of the document has been improved by drawing together like requirements into common sections, by improving the cross-references and by applying a consistent style to the structure and wording.

The most important changes include the following:

- (a) The addition of Pipeline Integrity Management principles.
- (b) A major review of the Operating Condition Changes section.
- (c) The inclusion of a records management process.
- (d) Responsibilities of the operating authority have been clarified.
- (e) Risk Assessment process has been further integrated.
- (f) Contents of Safety and Operating Plan have been clarified.
- (g) Approval requirements have been identified and listed in Appendix C.
- (h) The development of a threat mitigation section.
- (i) A revision of the Cathodic Protection section.
- (j) The introduction of a Safety and Environment section.
- (k) The inclusion of signage maintenance
- (l) Coverage of SCADA maintenance.

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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