

AS 4822—2008
(Incorporating Amendment No. 1)

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Australian Standard[®]

**External field joint coatings for steel
pipelines**



This Australian Standard® was prepared by Committee ME-038, Petroleum Pipelines. It was approved on behalf of the Council of Standards Australia on 30 April 2008. This Standard was published on 26 August 2008.

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- API 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)
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 - 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
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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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PREFACE

This Standard was prepared by Standards Australia Committee, ME-038, Petroleum Pipelines.

This Standard incorporates Amendment No. 1 (April 2010). 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 manufacturers, suppliers, specifier and users of oil and gas pipelines the application of and testing requirements for external field joint coatings (FJC) of seamless or welded steel pipelines for onshore steel pipelines.

The performance of field joint coatings is a critical part of the corrosion protection of steel pipelines. This Standard makes no appraisal of the relative performance of the coating systems that are covered herein. There should be careful selection of the field joint coating chosen for each application, taking into account its importance in providing satisfactory corrosion protection for the service life under the construction and operating conditions of the pipeline.

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.

Statements expressed in mandatory terms in notes to figures and tables are deemed to be requirements of this Standard. All other notes are for information and guidance only.

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