AS 2832.3—2005

Australian Standard™

Cathodic protection of metals

Part 3: Fixed immersed structures

This Australian Standard was prepared by Committee MT-014, Corrosion of Metals. It was approved on behalf of the Council of Standards Australia on 27 October 2005.
This Standard was published on 22 November 2005.

The following are represented on Committee MT-014:

Australasian Corrosion Association
Australasian Institute of Metal Finishing
Australian Chamber of Commerce and Industry
Australian Electrolysis Committee
Australian Paint Manufacturer's Federation
Australian Paint Approval Scheme
Austroads
Bureau of Steel Manufacturers of Australia
Department of Defence
Division of Building, Construction and Engineering, CSIRO
Galvanizers Association of Australia
Telstra
United Water International
Water Corporation of Western Australia
Corrosion consultants
Water Services Association of Australia (WSAA)
Water Authority of Western Australia

Additional Interests:

Corrosion Consultants

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Part 3: Fixed immersed structures

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PREFACE

This Standard has been prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee MT-014, Corrosion of Metals, to supersede AS 2832.3—1992, *Cathodic protection of metals,* Part 3: *Fixed immersed structures.*

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.

The objective of this Standard is to provide Regulatory Authorities and the Australian corrosion mitigation industry with requirements for the cathodic protection of fixed immersed structures, such as wharves and piling, in order to minimize corrosion rates.

The objective of this revision is to specify the new design requirements for designing cathodic protection systems for fixed immersed structures.

This Standard is Part 3 of the AS 2832 series of Standards. The other parts are as follows:

AS	
2832	Cathodic protection of metals
2832.1	Part 1: Pipes and cables
2832.2	Part 2: Compact buried structures
2832.4	Part 4: Internal surfaces
2832.5	Part 5: Steel in concrete structures

The Committee determined that there were no International Standards (ISO) which were suitable to be used as an Australian 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, where an ‘informative’ appendix is only for information and guidance.

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