

Australian Standard™

**Cathodic protection of metals**

**Part 5: Steel in concrete 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 17 May 2002 and published on 3 June 2002.

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The following are represented on Committee MT-014:

- Ausroads
- Australasian Corrosion Association
- Australian Aluminium Council
- Australian Chamber of Commerce and Industry
- Australian Electrolysis Committee
- Australian Paint Approval scheme
- Bureau of Steel Manufacturers of Australia
- Corrosion Prevention Centre
- Department of Defence
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- Ministry of Economic Development (New Zealand)
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AS 2832.5—2002

Australian Standard™

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### **Part 5: Steel in concrete structures**

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee MT-014, Corrosion of Metals, at the request of industry.

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee MT-014. 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 specify requirements for the cathodic protection of reinforcing steel in concrete that is exposed either to atmospheric, submerged or buried environments with the aim of preventing or controlling corrosion to an acceptable level.

In preparation of this Standard, cognizance was taken of the European Draft Standard prEN 12696, *Cathodic protection of steel in concrete*, Part 1: *Atmospherically exposed concrete* and Part 2: *Buried and submerged concrete*.

This Standard is Part 5 of a series of Standards covering the cathodic protection of metals.

The series comprises the following Parts:

AS or AS/NZS

2832	Cathodic protection of metals
2832.1	Part 1: Pipes and cables
2832.2	Part 2: Compact buried structures
2832.3	Part 3: Fixed immersed structures
2832.4	Part 4: Internal surfaces
2832.5	Part 5: Steel in concrete structures

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

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