

AS 2832.2—1991

Australian Standard[®]

Cathodic protection of metals

Part 2: Compact buried structures

This Australian Standard was prepared by Committee MT/14, Corrosion of Metals. It was approved on behalf of the Council of Standards Australia on 20 December 1990 and published on 13 May 1991.

The following interests are represented on Committee MT/14:

- Aluminium Development Council
- Australasian Corrosion Association
- Australian Gas Association
- Australian Institute of Steel Construction
- Australian Zinc Development Association
- Austroads
- Bureau of Steel Manufacturers of Australia
- Confederation of Australian Industry
- Department of Defence
- Electricity Supply Association of Australia
- Engineering and Water Supply Department, South Australia
- Railways of Australia Committee
- States Electrolysis Committees
- Telecom Australia
- University of New South Wales

Additional interests participating in preparation of Standard:

- Corrosion consultants
- Department of Minerals and Energy, N.S.W.
- Gas and Fuel Corporation of Victoria
- Hunter Water Board
- Petroleum refineries
- State Electricity Commission of Victoria
- Water Resources Commission, Queensland

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PREFACE

This Standard was prepared by the Standards Australia Committee on the Corrosion of Metals under the direction of the Metals Standards Board, at the request of industry, to provide a Standard for the guidance of owners of underground structures which are to be cathodically protected. It is not intended to be a complete cathodic protection design manual and those requiring further information should refer to the other Standards mentioned, to text books on the subject or to appropriate corrosion prevention specialists.

During preparation of this Standard, account was taken of the regulations of the various State Authorities, which differ in their approach to cathodic protection.

This Standard forms one of a proposed series of Standards which cover the cathodic protection of metals. The first in the series is AS 2832.1, *Pipes, cables and ducts*.

Other Standards which are in the course of preparation and provide guidelines on cathodic protection cover compact immersed structures such as offshore platforms and jetties, internal surfaces of items such as water storage tanks, and the design of cathodic protection systems for boats.

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