AS 2832.3—1992

Australian Standard®

Cathodic protection of metals

Part 3: Fixed immersed 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 13 December 1991 and published on 16 April 1992.

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, S.A.
Railways of Australia Committee
Standards Association of New Zealand
States electrolysis committees
Telecom Australia

Additional interests participating in preparation of Standard:

Corrosion consultants
Gas and Fuel Corporation of Victoria
Hunter Water Board
N.S.W. Office of Energy
Petroleum refineries
State Electricity Commission of Victoria
State Energy Commission of Western Australia
Water Resources Commission, Qld

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PREFACE

This Standard was prepared by the Standards Australia Committee on the Corrosion of Metals, at the request of industry to provide a Standard for the guidance of owners of immersed 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 the proposed AS 2832 series of Standards which cover the cathodic protection of metals. The first Standards in the series are as follows:

AS	
2832	*Cathodic protection of metals*
2832.1	Part 1: *Pipes, cables and ducts*
2832.2	Part 2: *Compact buried structures*

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

CONTENTS