AS 2290.2

Under revision see DR 88068

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AS 2290.2—1985
UDC 622.812.2:622.33:621.31-213.34.004.5

SUPERSEDED BY AS 2290.2 -1989

Australian Standard®
2290.2—1985

ELECTRICAL EQUIPMENT FOR COAL MINES—MAINTENANCE AND OVERHAUL

Part 2—OVERHAUL OF ELECTRICAL EQUIPMENT FOR EXPLOSIVE ATMOSPHERES

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This Australian standard was prepared by Committee EL/23 Electrical Equipment in Coal Mines. It was approved on behalf of the Council of the Standards Association of Australia on 25 September 1985 and published on 2 December 1985.

The following interests are represented on Committee EL/23:

Institute of Mining Electrical and Mining Mechanical Engineers

Australian Coal Association

Australian Electrical and Electronic Manufacturers Association Ltd

Confederation of Australian Industry

Department of Industrial Relations, N.S.W.

Department of Mines, Qld

Elcom Collieries, N.S.W.

Joint Coal Board

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This standard was issued in draft form for comment as DR 84275.

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AUSTRALIAN STANDARD

ELECTRICAL EQUIPMENT FOR COAL MINES—MAINTENANCE AND OVERHAUL

Part 2
OVERHAUL OF ELECTRICAL EQUIPMENT FOR EXPLOSIVE ATMOSPHERES

AS 2290.2—1985

First published 1979
Second edition.....1985

PUBLISHED BY THE STANDARDS ASSOCIATION OF AUSTRALIA
STANDARDS HOUSE, 80 ARTHUR ST, NORTH SYDNEY, N.S.W.

ISBN 0 7262 3958 5

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PREFACE

This edition of this standard was prepared by the Association's Committee on Electrical Equipment in Coal Mines. It is for the guidance of users and relevant Regulatory Authorities concerned with the maintenance of electrical equipment in coal mines and is Part 2 of a series of standards on the maintenance and overhaul of electrical equipment used in association with underground mining machines. The parts in the series are as follows:

Part 1—Maintenance of Electrical Equipment for Explosive Atmospheres
Part 2—Overhaul of Electrical Equipment for Explosive Atmospheres
Part 3—Maintenance of Electrical Equipment for Non-explosive Atmospheres*
Part 4—Overhaul of Electrical Equipment for Non-explosive Atmospheres*

This standard is presented in sections, each section dealing with the overhaul requirements appropriate to one of the types of explosion protection which may be used to achieve electrical safety or with basic requirements and considerations which are fundamental to the safe use of electrical apparatus in explosive atmospheres. At present only flameproof enclosures are covered; sections on intrinsic safety, increased safety protection, sand-filled enclosures, and special protection are under consideration.

This standard is identical to the 1979 edition except as follows:

(a) The method of temporary hole or thread repair (formerly Appendix F) is deleted.

(b) The maximum allowable depth of corrosion (Appendix H) has been reduced.

(c) Consequential editorial changes arising from (a) and (b) above.

* Under consideration.

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