

AS 2290.3—1990

Australian Standard<sup>®</sup>

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**Electrical equipment for coal  
mines—Maintenance and overhaul**

**Part 3: Maintenance of gas  
detecting and monitoring  
equipment**

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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 Standards Australia on 13 November 1989 and published on 2 April 1990.

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The following interests are represented on Committee EL/23:

Australian Chamber of Commerce  
Australian Coal Association  
Australian Electrical and Electronic Manufacturers Association  
Confederation of Australian Industry  
Department of Industrial Relations and Employment, N.S.W.  
Department of Minerals and Energy, N.S.W.  
Department of Mines, Qld  
Institution of Mining Electrical and Mining Mechanical Engineers  
Joint Coal Board  
Regulatory authorities (electrical)

Additional interests participating in preparation of Standard:

Australian Coal Industrial Research Laboratories  
Southern Mines Rescue Station

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*This Standard was issued in draft form for comment as DR 89064.*

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First published as AS 2290.3—1990.
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PUBLISHED BY STANDARDS AUSTRALIA  
(STANDARDS ASSOCIATION OF AUSTRALIA)  
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 6035 5

## PREFACE

This Standard was prepared by the Standards Australia Committee on Electrical Equipment in Coal Mines. It is intended for the guidance of users and relevant regulatory authorities concerned with the maintenance of electrical equipment in coal mines and is part of a series of Standards on the maintenance and overhaul of electrical equipment used in association with underground mining machines.

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## FOREWORD

Various Australian Standards and statutory requirements lay down criteria for the manufacture and regulations for the installation and use of electrical equipment.

This Standard recognizes the need to maintain equipment properly while it is in service, and lays down guidelines in the form of checklists and examination procedures.

Where maintenance and testing of gas detecting and monitoring equipment is required, the Standard specifies that the work be carried out by organizations approved for the purpose. Only persons authorized by the relevant Regulatory Authority are to supervise or carry out such work.

Guidelines setting out the manner in which the work is to be performed and recorded are included.

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