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AS 2290.1—1990

Australian Standard®

Electrical equipment for coal mines—Maintenance and overhaul

Part 1: Maintenance of electrical equipment for hazardous areas

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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 16 January 1990 and published on 7 May 1990.

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

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Part 1: Maintenance of electrical equipment for hazardous areas

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PREFACE

This Standard was prepared by the Standards Australia Committee on Electrical Equipment in Coal Mines to supersede AS 2290.1—1985, *Electrical equipment for coal mines—Maintenance and overhaul,* Part 1: *Maintenance of electrical equipment for explosive atmospheres.* It is 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.

The major technical change to the 1985 edition is the addition of a Code C1 examination, which is intended to give guidance on the intervals between overhaul operations.

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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 test procedures for those persons engaged in this aspect of maintenance.

The Standard recommends that delegation of responsibility in the areas of maintenance and repair should be established to ensure that a high level of maintenance can be achieved and maintained on both existing and future installations. This work may be carried out in situ or in an overhaul workshop.

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