

Australian Standard[®]

**Electrical equipment for coal
mines—Flameproof restrained
plugs and receptacles**

This Australian Standard was prepared by Committee EL/23. It was approved on behalf of the Council of Standards Australia on 7 December 1992 and published on 13 April 1993.

The following interests are represented on Committee EL/23:

Australian Chamber of Commerce and Industry
Australian Coal Association
Australian Electrical and Electronic Manufacturers Association
Department of Mineral Resources, N.S.W.
Department of Resource Industries, Qld
Joint Coal Board
Institution of Mining Electrical and Mining and Mechanical Engineers
Regulatory authorities (Electrical)

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PREFACE

This Standard was prepared by the Standards Australia Committee on Electrical Equipment in Coal Mines and supersedes AS 1299—1989, *Electrical Equipment for Coal Mines—Flameproof restrained plugs and receptacles*. It is intended for the guidance of manufacturers, users, regulatory authorities and associated interests and for use with other related Australian Standards and relevant mining regulations.

Major changes are as follows:

- (a) Incorporation of all amendments to the 1989 edition.
- (b) Change of material tensile strength requirement of Clause 2.3 from 450 MPa to 220 MPa for parts other than the engaging portion of the plug case.
- (c) Provision for six-pin plug and receptacles.
- (d) Reference to AS 3573—*Electrical equipment for coal mines—Glossary of terms*.

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