

AS 1299:2022



Electrical equipment for mines and quarries — Explosion-protected three-phase restrained and bolted cable coupling devices for working voltages up to and including 11 kV



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The following are represented on Committee EL-023:

- Australian Cablemakers Association
- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Aviation and Marine Engineers Association
- Better Regulation Division (Fair Trading, SafeWork NSW, TestSafe)
- Construction Forestry Miners and Energy Union
- Department of Mines, Industry Regulation and Safety WA
- Department of Regional NSW
- Engineers Australia
- Engineers Australia/Mining Electrical and Mining Mechanical Engineering Society
- Minerals Council of Australia
- National Association of Testing Authorities Australia
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Originated as AS 1299—1973 and AS 1300—1973.
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Revised amalgamated and redesignated as AS 1299:2022.

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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee EL-023, Electrical Equipment in Mines and Quarries, to supersede AS/NZS 1299:2009, *Electrical equipment for mines and quarries — Explosion-protected three-phase restrained plugs and receptacles for working voltages up to and including 3.3 kV* and AS/NZS 1300:2009, *Electrical equipment for mines and quarries — Bolted explosion-protected three-phase cable coupling devices*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this document as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this document is to provide requirements and guidance for explosion-protected three-phase restrained plugs, receptacles and cable coupling devices to manufacturers, users, regulatory authorities and associated interests and for use with other related Australian/New Zealand Standards and relevant mining regulations. It also is to allow for the use of existing compatible cable coupling systems and for the introduction of new non-compatible cable coupling systems.

This document differs from the previous edition in that it combines the previous AS/NZS 1299 and AS/NZS 1300 into one document (now designated AS 1299).

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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