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Interim Miscellaneous Publication

Australian/New Zealand Certification Scheme for explosion-protected electrical equipment (ANZEx Scheme)— Basic rules and procedures



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The following interests are represented on Committee P-008:

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Australian Association of Certification Bodies
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Department of Mineral Resources NSW
Department of Mines and Energy (QLD)
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Australian/New Zealand Certification Scheme for explosion-protected electrical equipment (ANZEx Scheme)— Basic rules and procedures

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PREFACE

This Interim Publication was prepared by the Joint Standards Australia/Standards New Zealand P-008, Ex Mark Management Committee to supersede MP 69—1993, *Explosion-protected electrical equipment—Certification scheme—Policy*, by the end of the Interim Period (2 years). It will also supersede publications Q7133:1993, *Application procedures for Ex Mark* and Q7134:1994, *Application procedures for Australian Ex Certificate of Conformity*, by the end of the Interim Period (2 years).

This Interim Publication sets out the basic rules and procedures for the expansion of the certification scheme, which will be known as the 'ANZEx Scheme'.

The aim of the ANZEx Scheme is to facilitate trade for Australia and New Zealand in electrical equipment intended for use in explosive atmospheres (Ex equipment).

Significant changes in this edition are as follows:

- (a) Inclusion of New Zealand in the ANZEx Scheme, which is now adopted as the National Scheme in both countries.
- (b) Inclusion of the ANZEx Quality Management System to be subject to ongoing surveillance conducted by an Accepted Certification Body under the Scheme (ANZEx – ACB).
- (c) The structure of the publication, processes and documentation has been fully reviewed.
- (d) Forms to be used for Application for Certification have changed.
- (e) A list of national and International Standards to be used for Certification under the ANZEx Scheme is included in Appendix C.

The requirement for manufacturers to have a satisfactory Quality Management System with ongoing surveillance, has been introduced to be consistent with the new International IEC Ex Scheme and other national Ex Certification Schemes, operating worldwide. This addition aligns the Australian/New Zealand Ex certification with the International ISO Type 5 Certification System (sometimes referred to as Full Certification) based on the ISO/IEC Conformity Assessment Committee (CASCO) System 5 specification.

The ANZEx Scheme also makes provision for an ISO Type 1 (Type test) Scheme to cover 'one off' situations, which may lead to the issue of a 'Restricted Type Test Certificate'.

Background information relating to the ANZEx Scheme is contained in Appendix A and the 'Introduction' in Section 1 provides an overview of the ANZEx Scheme.

The ANZEx Scheme provides for a database with internet access from the QAS (Administering Body) home page www.qas.com.au and provides industry with a ready reference list of licences and associated certificates issued. The information on the database is updated on a regular basis.

Standards Australia/Standards New Zealand invites comment on this Interim Publication from persons and organizations concerned with this subject. The date of expiry is two years after publication, at which time this Interim Publication will be confirmed or revised in the light of public comment. The closing date for comment is 18 months after publication at which time the Committee will consider the need for its revision in the light of public comment, with the view to the publication of a Joint Australian/New Zealand Publication before the expiry date.

During the life of this Interim document the Committee will monitor all comment as it is received.

Attention is drawn to the fact that this document is an Interim Joint Australian/New Zealand Publication only and should be regarded as a developmental Publication and liable to future alteration.

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