

Australian/New Zealand Standard™

**Electrical installations –
Electric fences**

This Joint Standard was prepared by the Joint Technical Committee EL/021, Installation of Electric Fences. It was approved on behalf of the Council of Standards Australia on 14 March 2003, and by the Council of Standards New Zealand on 5 March 2003. It was published on 14 March 2003.

The following interests are represented on the committee responsible for this Australian/New Zealand Standard:

Australian Chamber of Commerce and Industry
Australian Dairy Farmers' Federation
Consumers' Federation of Australia
Electrical Safety Organisation
Farmsafe Australia
Federated Farmers New Zealand
Ministry of Economic Development, New Zealand
New Zealand Electric Fence Energizers Manufacturers
Standards Working Group
Office of the Chief Electrical Inspector, Victoria
Telecom New Zealand

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FOREWORD

This Joint Standard was prepared by the Joint Technical Committee EL/021, Installation of Electric Fences, to supersede AS 3014:1991 on publication.

This Standard was revised to update the technical requirements and to publish it as a joint Australia/New Zealand Standard. Two informative Appendices have been added detailing acceptable means of compliance and methods for the prevention of interference with communication lines.

The Standard is intended to complement AS/NZS 3350:1998, Safety of household and similar electrical appliances Part 2.76: Particular requirements – Electric fence energizers

In the preparation of this Standard reference was made to a draft document on the international requirements for the installation and operation of electric fences, obtained from IEC Committee SC 61H-Safety of Electrically Operated Farm Appliances.

In this Standard, the use of the word:

‘May’ indicates the existence of an option;

‘Shall’ indicates that a statement is mandatory;

‘Should’ indicates a recommendation.

This Standard specifies performance-based requirements for the installation and operation of electric fences, however there could be regulatory or local government requirements that may apply. Appendix A provides a means of compliance with specific clauses of the Standard or gives additional information.