

Australian Standard™

**Safety requirements for electrically  
heated Type 1 ovens in which flammable  
volatiles occur**

This Australian Standard was prepared by Committee EL-014, Electrical Equipment in Hazardous Areas. It was approved on behalf of the Council of Standards Australia on 21 May 2002 and published on 19 June 2002.

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## Australian Standard™

# **Safety requirements for electrically heated Type 1 ovens in which flammable volatiles occur**

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## PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee EL-014, Electrical Equipment in Hazardous Areas. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian, rather than an Australian/New Zealand Standard.

This Standard supersedes AS 1681—1974, *Electrically heated ovens in which flammable volatiles occur—Type 1 Ovens*.

This Standard is intended for the guidance of users and manufacturers of industrial ovens and regulatory authorities concerned with the safe usage, operation and installation of such ovens. It prescribes requirements for design, construction and ventilation of these ovens.

This Standard is similar to corresponding American Standard 86, *Ovens and furnaces*, issued by the National Fire Protection Association (NFPA), and acknowledgment is made of assistance received from that source.

Changes to the 1974 edition are essentially editorial and no technical alterations have occurred.

The term ‘informative’ has been used in this Standard to define the application of the appendices to which it applies. An ‘informative’ appendix is only for information and guidance.

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