

Australian Standard[®]

**Pre-engineered fire protection systems
for cooking equipment**



This Australian Standard® was prepared by Committee FP-011, Special Hazard Fire Protection Systems. It was approved on behalf of the Council of Standards Australia on 16 June 2008.

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The following are represented on Committee FP-011:

- Australian Industry Group
 - Australian Museum
 - CSIRO Materials Science and Engineering
 - Department of Defence
 - Engineers Australia
 - Fire Protection Association Australia
 - Institute of Security Executives
 - National Fire Industry Association
 - Society of Fire Protection Engineers Australasian Chapter
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard[®]

Pre-engineered fire protection systems for cooking equipment

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PREFACE

This Standard was prepared by the Standards Australia Committee FP-011, Special Hazard Fire Protection System, to supersede AS 3772—1990, *Fire protection of cooking areas*.

The objective of the Standard is to cover the requirements for pre-engineered fire protection systems used to protect cooking appliances and ancillary hoods and ductwork.

This revision has been developed to accommodate changes in cooking equipment technology and practices, including the use of vegetable based cooking oils with higher auto-ignition temperatures and improved cooker insulation. These changes have necessitated the development of new fire testing protocols. While this Standard has been developed with wet chemical systems as the main focus, it does not preclude the use of other agents, provided they satisfy the requirements of this Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative appendix is only for information and guidance.

Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of this Standard.

This Standard incorporates a Commentary on some clauses. The Commentary directly follows the relevant clause, is designated by ‘C’ preceding the clause number and is printed in italics in a panel. The commentary is for information only and does not need to be followed for compliance with this Standard.

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