This is a free page sample. Access the full version online.

AS 3772—1990

Australian Standard®

Fire protection of cooking areas

This is a free page sample. Access the full version online.

This Australian Standard was prepared by Committee FP/14, Fire Protection of Cooking Areas. It was approved on behalf of the Council of Standards Australia on 12 January 1990 and published on 7 May 1990.

The following interests are represented on Committee FP/14:

Air Conditioning and Mechanical Contractors Association of Australia
Australian Assembly of Fire Authorities
Australian Fire Protection Association
Australian Gas Association
Australian Hotels Association
Australian Institute of Building Surveyors
Australian Institute of Fire Technology
Australian Institute of Health Surveyors
Catering Institute of Australia
Commercial Kitchen Equipment Companies Association
Commonwealth Fire Board
Department of Administrative Services
Department of Defence
Fire Protection Industry Association of Australia
Insurance Council of Australia
Municipal Association of Victoria

Review of Australian Standards. *To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.*

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

This Standard was issued in draft form for comment as DR 88042.

This is a free page sample. Access the full version online.

AS 3772—1990

Australian Standard®

Fire protection of cooking areas

First published as AS 3772—1990.

Incorporating:
Amdt 1—1993

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 6158 0

This is a free page sample. Access the full version online.

PREFACE

This Standard was prepared by the Standards Australia Committee on Fire Protection of Cooking Areas.

The fire risks associated with kitchen equipment are widely appreciated, and the need for adequate fire protection is readily apparent. This Standard draws attention to ancillary fire protection equipment such as portable extinguishers and fire blankets, but is principally concerned with performance specifications for fixed fire extinguishing systems utilizing carbon dioxide, fire extinguishing powders, wet chemicals, or water sprays. Minimum requirements for inspection and maintenance are also given herein.

© Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

This is a free page sample. Access the full version online.

CONTENTS

Page

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE 4
1.2 REFERENCED DOCUMENTS 4
1.3 DEFINITIONS 5
1.4 PERSONNEL 5
1.5 HEALTH AND SAFETY 5
1.6 GENERAL FIRE PROTECTION REQUIREMENTS 5

SECTION 2 COMMON DESIGN AND INSTALLATION REQUIREMENTS FOR FIXED FIRE EXTINGUISHING SYSTEMS

2.1 DESIGN (CONSTRUCTION) 6
2.2 DISCHARGE NOZZLES 7
2.3 SYSTEM DETECTORS 7
2.4 INDICATORS 7
2.5 SYSTEMS PROTECTING SHARED PLENUMS 7
2.6 QUANTITY OF EXTINGUISHANT 7
2.7 EXTINGUISHANT STORAGE CONTAINERS 8
2.8 PRELIMINARY DATA AND SPECIFICATIONS 8
2.9 PRE-ENGINEERED SYSTEMS 8
2.10 DRAWINGS 8
2.11 SYSTEM MANUALS 8
2.12 SAFETY WARNINGS 8

SECTION 3 CARBON DIOXIDE SYSTEMS

3.1 GENERAL 9
3.2 HEALTH AND SAFETY 9
3.3 LOCATION OF NOZZLES AND QUANTITY OF DISCHARGE 9

SECTION 4 FIRE EXTINGUISHING POWDER SYSTEMS

4.1 GENERAL 10
4.2 HEALTH AND SAFETY 10
4.3 RATE AND DURATION OF DISCHARGE 10
4.4 ARRANGEMENT OF PIPEWORK 10

SECTION 5 WET CHEMICAL SYSTEMS

5.1 GENERAL 12
5.2 HEALTH AND SAFETY 12
5.3 RATE AND DURATION OF DISCHARGE 12
5.4 SYSTEM FLUSHING 12

SECTION 6 SPRINKLER AND WATER SPRAY SYSTEMS

6.1 GENERAL 13
6.2 HEALTH AND SAFETY 13
6.3 RATE AND DURATION OF DISCHARGE 13

APPENDICES

A EXTINGUISHING SYSTEM PERFORMANCE REQUIREMENTS 14
B COMPONENT PERFORMANCE REQUIREMENTS 16
C INSPECTION, MAINTENANCE, AND RECORDS 18

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation