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Fire Safety

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Fire Safety Standards

Be prepared and protect your business

- with the latest publications for the fire industry

In the UK **One** fire breaks out every minute. Every day there are over **47** fire related injuries. Over **11** people die every week from fire related causes*.

With these statistics* in mind BSI continues to develop standards to help make your environment safer. We can provide you with a rich source of information on fire safety, business continuity and disaster recovery.

New legislation (the Fire Safety Order - FSO) will replace the provisions of the Fire Precautions Act in England and Wales. The Fire Authority will no longer issue fire certificates for premises; instead the responsibility for fire protection will lie with the responsible person (e.g. owner) of the premises. The owner will be responsible for carrying out a risk assessment and to then make the changes identified.

*from Office for National Statistics, based on data on fire brigade callouts for 2000.

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Fire detection & alarm systems

Legal obligations and risk assessment

In the UK, around **80%** of all fire deaths and injuries occur in dwellings, a total of **450 - 500** deaths and around **14,000** injuries each year. Many of those who die are the most vulnerable in the community, namely elderly and socially deprived people. The installation of a fire detection and fire alarm system in a dwelling can substantially reduce the risk of death or serious injury from fire.

NEW

BS 5839-6:2004 Fire detection and alarm systems for buildings. Code of practice for the design and installation of fire detection and alarm systems in dwellings

The new edition of BS 5839-6 is the key standard for fire detection used by fire authorities and building control officers. It applies to a range of dwellings of all sizes and is written to assist the non-specialist in compliancy and will help make installations easier to audit. It supersedes BS 5839-6:1995, which is withdrawn.

Important new changes includes:

- Special design requirements for fire detection and fire alarm systems in dwellings
- Recommendations on domestic smoke alarms
- New technologies including multi-sensor detection, carbon monoxide detection and heat detectors
- Fire warning systems for those with impaired hearing
- Recommendations for limiting false alarms by appropriate system design, system management and improved technology
- An informative annex on how to approach risk assessment and determine system design

ISBN 0 580 44100 8

Price £150*, £75 BSI Subscribing Members

Discounted special offer

BS 5839-6:2004 The design of fire detection installations for dwellings Kit 139

Order **BS 5839-6** with the **Guide to BS 5839-6 BIP 2044** and get an extra discount.

Kit contains **BS 5839-6:2004 Fire detection and alarm systems for buildings** and *The Design of Fire Detection Installations for Dwellings. A Guide to BS 5839-6:2004*

BSI Order Ref Kit 139

Price £158*, £98 BSI Subscribing Members

NEW

The Design of Fire Detection Installations for Dwellings *A Guide to BS 5839-6:2004*
Colin S Todd



This book is a comprehensive guide on how to use and implement one of BSI's best-selling fire standards BS 5839-6. The code is commonly known as the universal 'bible' for those involved in the design, installation, commissioning, maintenance and use of fire detection and alarm systems in the UK.

This new publication provides an invaluable aid to specifiers, designers and installers, including Fire Brigades, Local Authorities, Housing Associations, Fire Alarm Contractors, Building Control Officers, Consulting Engineers, Electrical Contractors and Building Surveyors.

Contents Include: Scope, format & contents of BS 5839-6:2004; Recognized forms of fire detection: Grades & categories of system; Choosing the appropriate grade & category of system; The first principles (fire risk assessment) approach; Type, location and siting of fire detectors; The audible fire alarm signal: audibility & other characteristics; Fire alarm warnings for deaf and hard of hearing people; Zoning and identification of source of alarm signals; Installation, commissioning and certification; Testing, servicing and maintenance.

Paperback ISBN 0 580 441016 8

BSI Order Ref BIP 2044 Price £45*



Fire detection & alarm systems

BS 5839-1:2002 Fire detection and alarm systems for buildings. Code of practice for system design, installation, commissioning and maintenance

BS 5839-1 is used to meet legislative requirements and is another key British Standard used by fire authorities and building control officers in the area of fire detection and protection. The standard has been revised to account for important technical and commercial changes.

Key topics covered:

- Guidance on false alarms
- Major changes and recommendations for cables
- New categories of system
- New recommendations for fire warning systems for deaf people
- Contains additional guidance on servicing and maintenance
- Recognizes the need for risk assessment and the importance of performance-based requirements

ISBN 0 580 40376 9

Price £168*, £84 BSI Subscribing Members

Fire Detection and Alarm Systems

A guide to the BS code BS 5839-1:2002. Code of practice for system design, installation, commissioning and maintenance *Colin S Todd*



This invaluable book provides guidance on the current version of BS 5839-1:2002 Fire detection and fire alarm systems for buildings. Code of practice for system design, installation, commissioning and maintenance. Compliance with the Code is commonly required by building control authorities throughout the UK (except Scotland where fire alarm systems are usually outside the scope of the relevant building regulations). It is also applicable to fire and other authorities that may enforce provisions for fire safety in certain occupancies, together with many property insurers.

Contents include: Contents of the Code; Selecting a suitable fire alarm system; The fire alarm contract and definition of responsibilities; The interface between the fire alarm system & other systems; The components of the system; Detection zones and alarm zones; Audible, visual and tactile fire alarm signals; Staged fire alarms; Which type of detector; Spacing and siting of automatic fire detectors; False alarms and their limitation; Installation work; Inspecting and testing; Certification; Verification; Repair and non-routine attention; User responsibilities.

Paperback 236 pages Distributed by BSI

ISBN 0 862 13129 4 **BSI Order Ref** BIP 2009 **Price** £30

Seminars are available on BS 5839-1, see page 5 for more details.

COMING SOON

BS 5446-3:2004 Specification for smoke alarms for deaf and hard of hearing people

BS EN ISO 12239 Fire protection equipment. Self-contained smoke alarms

PAS 41:2003 Directional sounders. Requirements and tests

This Publicly Available Specification (PAS) has been published to provide an interim specification for companies designing and employing directional sounders as part of an emergency evacuation system within a building, ship or structure. It specifies performance requirements and methods of test and applies to directional sounders used under emergency conditions and/or where normal visibility is impaired.

Contents include: Fire alarms; Alarm systems; Fire safety in buildings; Fire safety; Warning devices; Sound generators; Performance; Performance testing; Environmental testing.

ISBN 0 580 41191 5

Price £56*, £28 BSI Subscribing Members

BS 5266-1:1999 Emergency lighting. Code of practice for the emergency lighting of premises other than cinemas and certain other specified premises used for entertainment

This Code is designed to promote wider understanding of the different types of emergency lighting systems available, and gives guidance on their correct application to different premises. It is based on providing adequate safety to people in the event of interruption of the normal lighting supply. The publication addresses the safe unobstructed means of escape from the premises at all times; location and operation of fire alarm points and firefighting equipment, and minimizing the chances of panic arising in enclosed spaces such as lifts.

ISBN 0 580 33044 3

Price £80*, £40 BSI Subscribing Members

BS EN 1838:1999, BS 5266-7:1999 Lighting applications. Emergency lighting

Gives the luminous requirements for emergency lighting requirements. To be read in conjunction with BS 5266-1:1999

ISBN 0 580 32992 5

Price £44*, £22 BSI Subscribing Members

Fire detection & alarm systems

COMING SOON - SPRING 2005

BS EN 54-14 Fire detection and alarm systems. Guidelines for planning, design, installation, commissioning, use and maintenance

This is the English language version of EN-54, the European standard approved by CEN. It is designed to draw together many different

documents associated with fire detection and fire alarm systems. This is to provide a unified set of guidelines to give a reasonable Technical Specification of planning, design, installation, commissioning, use and maintenance for fire detection and fire alarm systems throughout Europe.

Price Please contact BSI Customer Services on **+44 (0)20 8996 9001**

BSI ORDER REF	TITLE	ISBN	PRICE	BSI MEMBER PRICE
BS EN 54-7:2001	Smoke detectors. Point detectors using scattered light, transmitted light or ionisation	0 580 37103 4	£114*	£57
BS EN 54-10:2002	Flame detectors. Point detectors	0 580 39035 7	£94*	£47
BS EN 54-11:2001	Manual call points	0 580 37102 6	£94*	£47
BS EN 54-12:2002	Smoke detectors. Line detectors using an optical light beam	0 580 42366 2	£114*	£57
BS 5446-2:2003	Fire detection and fire alarm devices for dwellings. Specification for heat alarms	0 580 41344 6	£94*	£47

DD 245:2002 Code of practice for management of false alarms

ISBN 0 580 37231 6

Price £44*, £22 BSI Subscribing Members

BS 5499-1:2002 Graphical symbols and signs. Safety signs, including fire safety signs. Specification for geometric shapes, colours and layout

ISBN 0 580 38258 3

Price £80*, £40 BSI Subscribing Members

BS 5499-5:2002 Graphical symbols and signs. Safety signs, including fire safety signs. Signs with specific safety meanings

ISBN 0 580 38259 1

Price £114*, £57 BSI Subscribing Members

Discounted special offers

Kit 42 Emergency Lighting

Includes BS 5266-1, BS 5266-2, BS 5266-4, BS 5266-5, BS 5266-6, BS EN 1838 (BS 5266-7) and BS EN 60598-2-22.

Price £330*, £165 BSI Subscribing Members

Kit 145 Emergency Lighting

Contains BS EN 1838 and BS 5266-1

Price £145*, £73 BSI Subscribing Members

Kit 115 Fire detection and emergency lighting code of practice

Contains BS 5839-1, BS 5266-1 and BS EN 1838.

Price £234*, £117 BSI Subscribing Members

Kit 105 Gaseous fire-extinguishing

Includes BS ISO 14520 all parts (1-4 and 6-15).

Price £636*, £318 BSI Subscribing Members

Discounted special offer

Kit 7 Fire detection and alarm pack

Contains BS 5839-1, BS 5839-3, BS 5839-5, BS 5839-6, BS 5839-8, BS EN 54-2, BS EN 54-4, BS EN 54-11 and PD 6531.

ISBN 0 580 37791 1

Price £642*, £321 BSI Subscribing Members

COMING SOON

Kit 106 Graphical signs and symbols set

Includes BS 5499-1, BS 5499-4, BS 5499-5, BS 5499-11 and BS 5378-2.

ISBN 0 580 40157 X

Price £318*, £159 BSI Subscribing Members

Fire safety engineering and design

Designed to meet fire safety standards, these publications will help you build a safer environment.

BS 7974 Application of fire safety engineering principles to the design of buildings

BS 7974 is an eight part series of user-friendly documents covering the application of fire safety engineering principles to the design of buildings. These publications have been designed to provide a framework for a flexible but formalized approach to fire safety design that can also be readily assessed by the statutory authorities.

BS 7974:2001 Application of fire safety engineering principles to the design of buildings. Code of practice

BS 7974:2001 Code of practice is designed to help you implement the key principles of fire safety engineering. It provides recommendations and guidance on the application of scientific and engineering principles in the protection of people, property and the environment from fire. The code applies to the design of new buildings and the appraisal of existing buildings.

It will enable you to:

- Supply the designer with a disciplined approach to fire safety design
- Allow the safety levels for alternative designs to be compared
- Select appropriate fire protection systems
- Offer opportunities for innovative designs
- Provide information on the management of fire safety for a building.

ISBN 0 580 38447 0

Price £94*, £47 BSI Subscribing Members

A Guide to Fire Safety Engineering

Dr S D Christian



This is a basic introduction to the principles of fire safety engineering in relation to fire precautions. It suggests why such engineered solutions are effective in achieving satisfactory fire safety levels. It is a guide for those who are new to the subject and suggests where further, more detailed information can be found. The strength of the publication is the author's mastery of the subject enabling him to deliver the salient features of a complex topic in an easily digestible and informative manner.

Contents include: What are fire precautions?; What is fire safety engineering?; Benefits of fire safety engineering; Using standard guidance - code-based solutions; Using fire safety engineering; Questions for those dealing with a fire safety engineering design

Paperback 34 pages **BSI Order Ref** BIP 2007:2003

ISBN 0 580 41896 0 **Price** £20*

Seminars and Workshops*

Legal obligations and risk assessment

New seminars are now available from BSI Business Information to cover all you need to know about fire safety standards.

A new workshop provides an introduction to fire assessment. It outlines the approach to adopt when carrying out fire risk assessments, now a legal requirement for every employer.

NEW

- Fire risk assessment **1 day**
- Introduction to sprinkler systems **1 day**
- Emergency lighting – incorporating risk assessment **1 day**
- British Standards for alarm systems, BS 5839-1, 6, 8 and 9 **2 days**

ALSO AVAILABLE

Fire detection and fire alarm systems for buildings

- BS 5839-1:2002 Fire detection and alarm systems for buildings. Code of practice for system design, installation, commissioning and maintenance **1 day**
- Fire safety legislation **1/2 day**
- Fire alarm systems – how to comply with the NEW recommendations of BS 5839-1:2002 for cables **1/2 day**

For more information about dates, locations and to book places please go to www.bsi-global.com/seminars or contact BSI Customer Services on **+44 (0)20 8996 9001** or email: info@bsi-global.com

*** All courses are also available as bespoke in-house events. Call now, we can help!**

COMING SOON

BS 5839-6:2004

Fire detection and fire alarm systems for buildings. Dwellings

BS 5588:2004

Fire precautions in the design, construction and use of buildings



Fire safety engineering and design

Additional guidance on fire safety engineering and risk assessment is provided in the rest of **BS 7974: The application of fire safety engineering principle to the design of buildings** series.

PD 7974-0:2002 Guide to design framework and fire safety engineering procedures

It provides guidance on the use of BS 7974:2001 as a framework for an engineering approach to the achievement of fire safety in buildings.

ISBN 0 580 40169 3

Price £108*, £54 BSI Subscribing Members

PD 7974-1:2003 Initiation and development of fire within the enclosures of origin

It provides guidance on evaluating fire growth/size within the enclosure of the fire origin.

ISBN 0 580 41195 8

Price £126*, £63 BSI Subscribing Members

PD 7974-2:2002 Spread of smoke and toxic gases within and beyond the enclosure of origin

It provides guidance on the application of fire safety engineering principles for the treatment of smoke movement, control and management problems. This information can be used to calculate the time between the detection of a fire to conditions developing which would be dangerous to building occupants.

ISBN 0 580 40168 5

Price £114*, £57 BSI Subscribing Members

PD 7974-3:2003 Structural response and fire spread beyond the enclosure of origin

It highlights the possible routes and conditions that will enable a fire to spread.

ISBN 0 580 40304 1

Price £168*, £84 BSI Subscribing Members

PD 7974-4:2003 Detection of fire and activation of fire protection systems

It provides guidance on the development, design and application of fire detection systems.

ISBN 0 580 41249 0

Price £94*, £47 BSI Subscribing Members

PD 7974-5:2002 Fire service intervention

It evaluates the fire service provided by private or public providers, assessing time taken to respond/extinguish and many more assessment criteria.

ISBN 0 580 40167 7

Price £56*, £28 BSI Subscribing Members

PD 7974-7:2003 Probabilistic risk assessment

This publication sets out the general principles and techniques of risk analysis for fire safety engineering. It outlines the circumstances where this approach is appropriate, with examples illustrating their use. It also includes data for probabilistic risk assessment and criteria for assessment. It is applicable to the design of new buildings and the appraisal of existing buildings.

ISBN 0 580 41515 5

Price £126*, £63 BSI Subscribing Members

Discounted special offers

BS 7974:2001 and series PD 7974. Safety engineering principles for building design. Kit 140

Contains BS 7974:2001, PD 7974-0, PD 7974-1, PD 7974-2, PD 7974-3, PD 7974-4, PD 7974-5, PD 7974-6 and PD 7974-7.

ISBN 0 580 33399 X BSI Order Ref Kit 140

Price £800*, £400 BSI Subscribing Members

PD 7974 series. Safety engineering principles for building design. Kit 141

Contains PD 7974-0, PD 7974-1, PD 7974-2, PD 7974-3, PD 7974-4, PD 7974-5, PD 7974-6 and PD 7974-7.

ISBN 0 580 33400 7 BSI Order Ref Kit 141

Price £725*, £363 BSI Subscribing Members

NEW

PD 7974-6:2004 The application of fire safety engineering principles to fire safety design of buildings. Human factors: Life safety strategies. Occupant evacuation, behaviour and condition

PD 7974-6 is a new document providing guidance and advice on engineering methods available for the life safety aspects of a fire safety engineering design in relation to evacuation strategies. It covers the evaluation of occupant condition, especially in relation to exposure to fire effluent and heat. It also gives a framework for reviewing the suitability of an engineering method for assessing the life safety potential of a building for its occupants.

ISBN 0 580 43812 0

Price £114*, £57 BSI Subscribing Members

Fire safety engineering and design

Electrical equipment for flammable atmospheres. An international survey of certification and approval requirements

Flammable atmospheres present any designer with a problem. This publication lists national technical requirements applying to electrical installations for use in flammable atmospheres. It provides an easy reference source for designers, manufacturers, suppliers and purchasers of electrical equipment. Countries covered include those in the EU and 30 others.

Contents include: Overview of European Directives; Electricity supply; Technical requirements; Approval systems and procedures; List of harmonized standards; List of notified bodies; ATEX Directive.

A4 Loose-leaf with binder **ISBN** 0 905 87710 1
BSI Order Ref TH 42065 **Price** £650*

NEW

Building Regulations 2000 Approved Document B Office of the Deputy Prime Minister



This publication is one of a series issued to provide practical guidance on the requirements of the Building Regulations 2000 for England and Wales. It deals with fire safety requirements for building work and provides a consolidation of the guidance previously issued in the original 2000 edition of Approved Document B and the subsequent amendments issued in 2000 and 2002. It covers the following requirements: means of warning and escape for dwellings and other buildings (B1); internal fire spread relating to wall and ceiling

linings (B2) and structure (B3); external fire spread (B4); access and facilities for the fire service (B5); and appendices.

Key Features

- Highlights main changes to the 2000 Edition on page 2
- Extensive Indexing and Cross reference to other publications.

Paperback 155 pages **ISBN** 0 117 53911 2
BSI Order Ref BIP 2064 **Price** £13

BS 5588 Fire precautions in the design, construction and use of buildings available parts are listed below.

BSI ORDER REF	TITLE	ISBN	PRICE	BSI MEMBER PRICE
BS 5588-0:2004	Guide to fire safety codes of practice for particular premises/applications	0 580 25861 0	£80	£40
BS 5588-1:2004	Code of practice for residential buildings	0 580 18604 0	£108	£54
BS 5588-4:2004	Code of practice for smoke control using pressure differentials	0 580 26246 4	£126	£63
BS 5588-5:2004	NEWLY AMENDED Code of practice for fire fighting stairs and lifts	0 580 19787 5	£94	£47
BS 5588-6:2004	Code of practice for places of assembly	0 580 19865 0	£114	£57
BS 5588-7:2004	Code of practice for the incorporation of atria in buildings	0 580 27642 2	£126	£63
BS 5588-8:2004	Code of practice for means of escape for disabled people	0 580 28262 7	£80	£40
BS 5588-9:2004	Code of practice for ventilation and air conditioning ductwork	0 580 33041 9	£80	£40
BS 5588-10:2004	Code of practice for shopping complexes	0 580 19814 6	£114	£57
BS 5588-11:2004	Code of practice for shops, offices, industrial, storage and other similar buildings	0 580 27659 7	£138	£69
BS 5588-12:2004	NEW Managing fire safety			

Discounted special offers

Flammable atmospheres Kit 124

Order the Technical Publication and receive the standard for half price. Kit contains TH 42065 Electrical equipment for flammable atmospheres and BS EN 60079-10 Electrical apparatus for explosive gas atmospheres. Classification of hazardous areas.

ISBN 0 580 42654 8 **Price** £710*, £355 BSI Subscribing Members

BS EN 12101-2:2003

Smoke and heat control systems. Specification for natural smoke and heat exhaust ventilators

ISBN 0 580 42388 3 **Price** £94*, £47 BSI Subscribing Members

BS EN 12101-3:2002

Smoke and heat control systems. Specification for powered smoke and heat exhaust ventilators

ISBN 0 580 38228 1 **Price** £108*, £54 BSI Subscribing Members

BS 5588 Fire precautions in the design, construction and use of buildings.

The BS 5588 series is a range that has been developed to help those working in the engineering and construction design industries. The series covers the general design of buildings for fire precautions and is intended for use by building designers

COMING SOON

BS 5588-12:2004

Fire precautions in the design, construction and use of buildings. Managing fire safety

Fire safety engineering and design

Fire Safety in Care Homes for Older People and Children *Dr S D Christian*



This informative book is an invaluable resource for designers, owners and managers of homes for older people and children's homes. Also useful for anyone involved in renovation or refurbishment of care homes as it outlines the advised fire safety precautions and explains how to implement them in the planning stages. Also helpful if you are responsible for enforcing fire safety standards in both new and existing premises.

Paperback 134 pages ISBN 0 580 41427 2

BSI Order Ref BIP 2004 Price £45

BS 5950-8:2003 Structural use of steelwork in building. Code of practice for fire resistant design

To ensure that you are kept aware of these impacting developments, following the developments in fire engineering and the introduction of new publications that adopt European and international codes, this publication now gives recommendations for evaluating the fire resistance of steel and steel/concrete composite structures, derived from both standard fire tests and calculations. Methods are also given for determining the thermal response of the structure and evaluating the protection required. It supersedes BS 5950-8:1990 which is withdrawn.

The principal change in this edition is the introduction of a more comprehensive set of elevated temperature properties for:

- Hot finished steel
- Normal weight concrete
- Lightweight concrete
- Hot rolled and cold worked reinforcing bars.

ISBN 0 580 42860 5

Price £94*, £47 BSI Subscribing Members

Fire extinguishing systems

Fire Extinguishing Systems. A guide to the types, application and considerations *Dr Tim Nichols*



This guide is an introduction to fire extinguishing systems and will benefit users, consultants, students and industry professionals who require a basic understanding of fire extinguishing systems and their applications. Emphasis is given to the principles of fire extinguishing, the decision making process and other design considerations. This book provides an excellent overview of what is available and discusses the merits of each technology,

removing the mystique of the seemingly baffling array of competing extinguishing devices, appliances and fixed systems.

Contents include: Theory of Fire Extinguishing; Fire Extinguishing Systems: Inert Gas Agents, Chemical Gas Agents, Carbon Dioxide, Water Mist, Sprinklers, Foam, Dry & Wet Chemical; Detection & Control Systems; Portable Fire Extinguishers.

Paperback 106 pages Distributed by BSI ISBN 0 86213 168 5

BSI order ref BIP 2003 Price £30*

BS 5306-3:2003 Fire extinguishing installations and equipment on premises. Code of practice for the inspection and maintenance of portable fire extinguishers

ISBN 0 580 42865 6

Price £56*, £28 BSI Subscribing Members

BS 5306-4:2001 Fire extinguishing installations and equipment on premises. Specification for carbon dioxide systems

ISBN 0 580 37963 9

Price £126*, £63 BSI Subscribing Members

BS 5306-8:2000 Fire extinguishing installations and equipment on premises. Selection and installation of portable fire extinguishers. Code of practice

ISBN 0 580 33203 9

Price £56*, £28 BSI Subscribing Members

Fire extinguishing systems

NEW

BS EN 12094-4:2004

Fixed firefighting systems. Components for gas extinguishing systems. Requirements and test methods for container valve assemblies and their actuators

ISBN 0 580 44176 8

Price £94*, £47 BSI Subscribing Member

BS EN 12094-1:2003

Fixed firefighting systems. Components for gas extinguishing systems. Requirements and test methods for electrical automatic control and delay devices

ISBN 0 580 42863 X

Price £108*, £54 BSI Subscribing Members

BS EN 12094-16:2003

Fixed firefighting systems. Components for gas extinguishing systems. Requirements and test methods for odorizing devices for CO² low pressure systems

ISBN 0 580 41520 1

Price £44*, £22 BSI Subscribing Members

BS EN 12845:2003 Fixed firefighting systems. Automatic sprinkler systems. Design, installation and maintenance

This standard applies to fixed fire systems in buildings and industrial plants. It covers any addition, extension, repair or other modification to a sprinkler system. It specifies requirements and gives recommendations for the design, installation and maintenance of fixed fire sprinkler systems in buildings and industrial plants. It covers:

- Classification of hazards
- Provision of water supplies
- Components, installation and testing of the systems
- Maintenance and the extension of existing systems
- The identification of construction details which are the minimum necessary for the satisfactory performance of sprinkler systems

It highlights clauses that address the provisions of the EU Construction Products Directive. This new standard replaces BS 5306-2:1990 which will be withdrawn in July 2006.

ISBN 0 580 42524 X

Price £168*, £84 BSI Subscribing Members

NEW

BS EN 3-7:2004 Portable fire extinguishers. Characteristics, performance requirements and test methods

ISBN 0 580 43435 4

Price £108*, BSI Subscribing Members £54

DD 251:2002 Sprinkler systems for residential and domestic occupancy. Code of practice

Gives guidance on the design and installation of sprinkler systems for use in residential and domestic dwellings.

ISBN 0 580 33132 6

Price £30*, £15 BSI Subscribing Members

Fire testing (resistance and reaction to fire)

BS EN 13501-1:2002 Fire classification of construction products and building elements.

Classification using test data from reaction to fire tests

ISBN 0 580 39251 1 Price £94*, £47 BSI Subscribing Member

BS EN ISO 13943:2000 Fire safety. Vocabulary

This publication provides terminology relating to fire, principally fire tests.

ISBN 0 580 36289 2 Price £114*, £57 BSI Subscribing Member

NEW

BS 476-3:2004 Fire tests on building materials and structures. Classification and method of test for external fire exposure to roofs

The tests described in this part of BS 476 give information concerning the hazard of fires spreading to the roof of a building from a nearby fire outside the building itself.

ISBN 0 580 43794 9 Price £56*, £28 BSI Subscribing Member

Discounted special offer

Kit 144 BS EN 13501-1

Fire classification and testing

Kit contains **BS EN 13501-1** Fire classification of construction products and building elements. Classification using test data from reaction to fire tests, **BS EN 13238** Reaction to fire tests for building products, **BS EN 13823**, **BS EN ISO 1182**, **BS EN ISO 1716**, **BS EN ISO 9239-1**, **BS EN ISO 11925-2** and **EN ISO 13943** Fire safety. Vocabulary.

ISBN 0 580 33398 1

BSI Order Ref Kit 144 Price £600*, £300 BSI Subscribing Member

Kit 98 Fire classification and testing

Includes BS EN 13501-1, BS EN 13238, BS EN 13823, BS EN ISO 1182, BS EN ISO 1716, BS EN ISO 9239-1 and BS EN ISO 11925-2

Price £508*, £254 BSI Subscribing Member

The fire tests below are supporting standards under the Construction Products Directive (CPD).

BSI ORDER REF	TITLE	ISBN	PRICE	BSI MEMBER PRICE
BS EN ISO 9239-1:2002	Reaction to fire tests. Horizontal surface spread of flame on floor-covering systems. Determination of the burning behaviour using a radiant heat source	0 580 39432 8	£80	£40
BS EN ISO 1716:2002	Reaction to fire tests for building products. Determination of the heat combustions	0 580 39036 5	£80	£40
BS EN ISO 11925-2:2002	Reaction to fire tests. Ignitability of building products subjected to direct impingement of flame. Single-flame source test	0 580 39038 1	£80	£40
BS EN ISO 1182:2002	Reaction to fire tests for building products. Non-combustibility test	0 580 39037 3	£94	£47
BS EN 13823:2002	Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single burning item	0 580 39176 0	£126	£63
BS 476-3:2004	Fire tests on building materials and structures. Classification and method of test for external fire exposure to roofs	0 580 43794 9	£56	£28
BS 476-7:1997	Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products	0 580 26298 7	£56	£28
BS 476-12:1991	Fire tests on building materials and structures. Method of test for ignitability of products by direct flame impingement	0 580 19833 2	£56	£28

Resistance to fire tests

Fire tests and resistance tests

BSI ORDER REF	TITLE	ISBN	PRICE	BSI MEMBER PRICE
BS 476-3:2004	Classification and method of test for external fire exposure to roofs	0 580 43794 9	£56	£28
BS 476-20:1987	Method for determination of the fire resistance of elements on construction (general principles)	0 580 15897 7	£95	£47
BS 476-23:1987	Methods for determination of the contribution of components to the fire resistance of a structure	0 580 15865 9	£56	£28
BS EN 1363-1:1999	Fire resistance tests. General requirements	0 580 32419 2	£108	£54
BS EN 1363-2:1999	Fire resistance tests. Alternative and additional procedures	0 580 32420 6	£56	£28
BS EN 1365-1:1999	Fire resistance tests for loadbearing elements. Walls	0 580 32423 0	£80	£40
BS EN 1365-2:2000	Fire resistance tests for loadbearing elements. Floors and roofs	0 580 32424 9	£80	£40
BS EN 1365-3:2000	Fire resistance tests for loadbearing elements. Beams	0 580 32425 7	£56	£28
BS EN 1365-4:1999	Fire resistance tests for loadbearing elements. Columns	0 580 32426 5	£44	£22

Other standards are available. Please visit www.bsi-global.com/FIRE for details.

Business continuity and disaster recovery

The fire brigade estimates that only **50-65%** of companies comply with current fire safety legislation. The right products and information will help you carry out a self-assessment to ensure you can deal with an emergency situation. Being informed can save you time and money as there will be no need to use the services of an independent risk assessment consultancy.

PAS 56

Guide to business continuity management

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A Practical Approach *Pat Perry*



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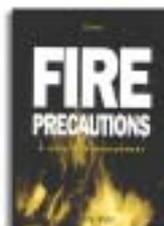
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