

# Fire standards – what BSI can certify and test.

## Control & Indicating Equipment and Power Supplies

<b>BS EN 54-2:1997 +A1:2006</b>	Fire detection and fire alarm systems control and indicating equipment.	
<b>BS EN 54-4:1998</b>	Fire detection and fire alarm systems power supply equipment	
<b>BS EN 54-13:2005</b>	Fire detection and fire alarm systems compatibility assessment of system components.	

## Fire Extinguisher Panels

<b>BS EN 12094-1:2003</b>	Fixed fire fighting systems – components for gas extinguishing systems – requirements and test methods for electrical automatic control and delay devices.	
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## Line Units

<b>Input/Output Devices: BS EN 54-18:2005</b>	Fire Detection and Fire Alarm Systems. Input/output devices	
<b>Short Circuit Isolators: BS EN 54-17:2005</b>	Fire Detection and Fire Alarm systems. Short-circuit isolators	

## Smoke and Heat Detectors

<b>BS EN 54-7:2001</b>	Fire detection and fire alarm systems. Smoke detectors, Point detectors using scattered light transmitted light or ionisation.	
<b>BS EN 54-5:2001</b>	Fire Detection and fire alarm systems. Heat detectors. Point detectors.	

## Sounders

<b>BS EN 54-3:2001</b>	Fire detection and alarm systems. Fire alarm devices. Sounders.	
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## Manual Call Points

<b>BS EN 54-11:2001</b>	Fire detection and fire alarm systems manual call points	
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## Voice Alarms

<b>BS EN 54-16:2008</b>	Voice alarm control and indicating equipment	
<b>BS EN 54-24:2008</b>	Components of voice alarm systems – loudspeakers	

## Visual Alarms

<b>BS EN 54-23:2010</b>	Fire detection and fire alarm systems. Fire alarm devices. Visual alarm device.	
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## Wireless Fire Alarm Systems

<b>BS EN 54-25:2008</b>	Fire detection and fire alarm systems. Components using radio links.	
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## Domestic Heat/Smoke/CO Alarms

<b>Smoke Alarms: ISO 12239</b>	Smoke alarms using scattered light, transmitted light or ionization.	
<b>Smoke Alarms: BS EN 14604:2005</b>	Smoke alarm devices	
<b>Heat Alarms: BS 5446-2:2003</b>	Fire detection and alarm devices for dwellings. Specification for heat alarms	
<b>CO Alarms: BS EN 50291-1:2010</b>	Electrical apparatus for the detection of carbon monoxide in domestic premises	
<b>CO Alarms: BS EN 50291-2:2010</b>	Electrical apparatus for continuous operation in a fixed installation in recreational vehicles	

## Combustible Gas Alarms

<b>BS EN 50194 -1 &amp; 2: 2009</b>	Electrical apparatus for the detection of combustible gases in domestic premises or recreational vehicles	
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## Smoke Alarms for the Deaf and Hard of Hearing

<b>BS EN 5446-3:2005</b>	Fire detection and fire alarm devices for dwellings. Specification for smoke alarm kits for deaf and hard of hearing people	
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## Fire Extinguishers

<b>BS EN 3-7:2004 + A1:2007</b>	Portable fire extinguishers. Characteristics, performance requirements and test methods.	
<b>BS EN 3-8:2006</b>	Additional requirements to EN3-7 construction, resistance to pressure and mechanical tests for extinguishers with a maximum allowable pressure equal to or lower than 30 bar.	
<b>BS EN 3-9:2006</b>	Additional requirements to EN3-7 for pressure resistance of CO2 extinguishers.	
<b>BS 6165:2002</b>	Specification for small disposable fire extinguishers of the aerosol type.	
<b>BS EN 1866-1:2001</b>	Mobile fire extinguishers. Characteristics, performance and test methods.	
	BAFE approval can be achieved for the above fire extinguishers schemes.	

## Fire Extinguishing Systems






<b>FM 5560</b>	Water mist systems.	
<b>BS ISO 15371</b>	Ship and marine (protection of galley deep fat cooking equipment).	
<b>BS EN 15004-1:2008</b>	Fixed fire fighting systems. Gas extinguishing systems.	

## Fire Blankets





<b>BS EN 1869:1997</b>	Fire blankets	
<b>BS 7944:1999</b>	Type 1 heavy duty fire blankets and Type 2 heavy duty heat protective blankets	

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



## Fire Hoses

<b>BS 6391 - Type 1</b>	Fire Hoses – no heat treatment applied liquid absorbable	
<b>BS 6391 - Type 2</b>	Fire Hoses – external coating against liquid adsorption	
<b>BS 6391 - Type 3</b>	Fire Hoses – external coating against abrasion	
<b>BS EN 694:2001</b>	Fire-fighting hoses. Semi-rigid hoses for fixed systems	
<b>BS 336:1989 Fire Hose Connectors</b>	Fire Hose couplings and ancillary equipment	






## Fire Hose Reels

<b>BS EN 671-1:2001</b>	Hose reels with semi rigid Hose	 
<b>BS EN 671-2:2001</b>	Hose systems with lay flat hose	 







## Fire Hydrant Valves





<b>BS 750:2006</b>	Specification for underground fire hydrants and surface box frames and covers	
<b>BS EN 14339:2005</b>	Underground fire hydrants	 
<b>BS EN 14384:2005</b>	Pillar fire hydrants	 
<b>BS 5041-1:1987</b>	Fire hydrant systems equipment. Specification for landing valves and wet risers	
<b>BS 5041-2:1987</b>	Fire hydrant systems equipment. Specification for landing valves and dry risers	
<b>BS 5041-3:1975</b>	Fire hydrant systems equipment. Specification for inlet breechings for dry riser inlets	
<b>BS 5041-4:1975</b>	Fire Hydrant systems equipment. Specification for boxes for landing valves or dry risers	
<b>BS 5041-5:1974</b>	Fire hydrant systems equipment. Specification for boxes for foam inlets and dry riser inlets	

## Emergency Lighting

<b>BS EN 60598-1:</b>	Luminaires. General requirements and tests	
<b>BS EN 60598-2-22:</b>	Luminaires. Particular requirements. Luminaires for emergency lighting	
<b>BS EN 61347-2-7:</b>	Lamp control gear. Particular requirements for d.c. supplied electronic ballasts for emergency lighting	
<b>BS EN 61347-2-13:</b>	Lamp control gear. Particular requirements for d.c. or a.c. supplied electronic control gear for LED modules	
<b>BS EN 50171:2001</b>	Central power supply systems	

## Fire Alarm, Suppression and Emergency lighting

<b>BS 5839-1: 2002 +A2:2008</b>	Fire detection and fire alarm systems for buildings. Code of practice for system design, installation, commissioning and maintenance	
<b>BS 5839-6: 2004</b>	Fire detection and fire alarm systems for buildings. Code of Practice for the design, installation, maintenance of fire detection and fire alarm systems in dwellings	
<b>BS 5839-8: 2008</b>	Fire detection and fire alarm systems for buildings. Code of Practice for the design, installation, commissioning and maintenance of voice alarm systems	
<b>BS EN 15004-1:2008</b>	Fixed fire fighting systems. Gas extinguishing systems. Design, installation and maintenance. Also includes where applicable BS 6266, BS 7273-182 Parts 1 and 2.	
<b>BS 5266-1:2011</b>	Emergency lighting. Code of practice for the emergency escape lighting of premises.	
	BAFE approval can also be achieved for the above Design, installation and maintenance schemes.	

**Key:**   Kitemark and CE marking (to the Construction Products Directive) available on this standard  
 Kitemark scheme available on this standard  
 CE marking on this standard to the construction Products Directive (CPD)

**BSI is also a Notified Body for other directives, and can provide services for the Pressure Equipment Directive (PED), Marine Equipment Directive (MED) as well as testing in support of the EMC and LVD Directives.**

If you have any questions about certification and testing for fire detection and suppression products, please contact us. Our team will be happy to help you.

Call us: **+44 8450 765606** Email: [testing.services@bsigroup.com](mailto:testing.services@bsigroup.com) or visit: [bsigroup.com](http://bsigroup.com)



BSI Group  
Kitemark Court  
Davy Avenue, Knowlhill  
Milton Keynes MK5 8PP

T: +44 8450 765606  
F: +44 1908 814920  
[bsigroup.com](http://bsigroup.com)



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