

BRITISH STANDARDS AND CODES OF PRACTICE FOR THE FIRE INDUSTRY

Approval by NSI requires inspection to recognised industry British Standards/Codes of Practice. Before an inspection for approval can take place, companies should ensure they have copies of the appropriate standards relevant to the work they undertake – see list below.

Fire Detection & Alarm Systems:

BS 5839 – 1:2002+A2:2008 Code of Practice for System Design, Installation, Commissioning & Maintenance.

BS 5839 - 6:2004 Code of Practice for the Design, Installation & Maintenance of Fire Detection and Alarm Systems in dwellings.

BS 5839 - 8:2008 Code of Practice for the Design, Installation, Commissioning & Maintenance of Voice Alarm Systems.

FIA Aspirating Systems Code (Issue 2)

Code of Practice for Aspirating Detection Systems.

BS 7273 - 4:2007

Code of Practice for the Operation of Fire Protection Measures Actuation of Release Mechanisms for Doors.

HTM05-03: Operational provisions Part B–Fire Detection and Alarm Systems. (Health Technical Memorandum) *In NHS Healthcare premises.*

Please note this is a Department of Healthcare publication available from The Stationary Office
www.tsoshop.co.uk

Fixed Gaseous Fire Suppression Systems:

BS EN 15004-1:2008 Fixed firefighting systems. Gas extinguishing systems. Design, Installation & Maintenance

BSEN 15004-2:2008 Fixed firefighting systems. Gas extinguishing systems. Physical properties and system design of gas extinguishing systems for FK-5-1-12 extinguishant.

BS EN 15004-3:2008 Fixed firefighting systems. Gas extinguishing systems. Physical properties and system design of gas extinguishing systems for HCFC Blend A extinguishant.

BS EN 15004-4:2008 Fixed firefighting systems. Gas extinguishing systems. Physical properties and system design of gas extinguishing systems for HFC 125 extinguishant.

BS EN 15004-5:2008 Fixed firefighting systems. Gas extinguishing systems. Physical properties and system design of gas extinguishing systems for HFC 227ea extinguishant.

BS EN 15004-6:2008 Fixed firefighting systems. Gas extinguishing systems. Physical properties and system design of gas extinguishing systems for HFC 23 extinguishant.

BS EN 15004-7:2008	Fixed firefighting systems. Gas extinguishing systems. Physical properties and system design of gas extinguishing systems for IG-01 extinguishant.
BS EN 15004-8:2008	Fixed firefighting systems. Gas extinguishing systems. Physical properties and system design of gas extinguishing systems for IG-100 extinguishant.
BS EN 15004-9:2008	Fixed firefighting systems. Gas extinguishing systems. Physical properties and system design of gas extinguishing systems for IG-55 extinguishant.
BSEN15004-10:2008	Fixed firefighting systems. Gas extinguishing systems. Physical properties and system design of gas extinguishing systems for IG-541 extinguishant.
BS 7273 -1:2006	Code of Practice for the operation of fire protection measures. Electrical actuation of Gaseous total flooding extinguishing systems.
BS 6266:2011	Code of Practice for the Fire Protection for Electronic Equipment Installations.

Emergency Lighting:

BS 5266 – 1:2011	Emergency lighting. Code of Practice for the Emergency Lighting of premises.
BS EN 1838:1999/ BS 5266 – 7:1999	Lighting applications. Emergency lighting
BS EN 50172:2004/ BS 5266 – 8:2004	Emergency escape lighting systems.

Portable Fire Extinguishers:

BS 5306 - 3:2009	Code of Practice for the Commissioning & Maintenance of Portable Fire Extinguishers.
BS 5306 – 8:2000	Code of Practice for Selection & Installation of Portable Fire Extinguishers.

NSI Gold Approval

In addition to the above industry Standards, the following will be required.

BS EN ISO 9001:2008 Quality Management Systems and the following NSI Quality Schedule depending on the SP203 scheme. The quality schedules are available on the NSI website:

- Fire Detection & Alarm Systems/Fixed Gaseous Fire Suppression Systems – NSI Quality Schedule FSQS121
- Emergency Lighting - NSI Quality Schedule ELSQS 122

NSI is delighted to offer a British Standards subscriptions service in conjunction with the British Standards Institution (BSI). This service is available to NSI approved companies, applicants and potential approved companies exclusively. Please call 01628 637512 and ask for Sales.

