

FIRE DETECTION & ALARM SYSTEMS

Scope

Fire detection and alarm systems are designed to alert persons and in certain cases the Fire Authorities (FRS) that a fire incident has been detected. Systems are made up of control and indication panels, smoke, heat and fire detectors, warning and activation devices, communication equipment plus means of transmitting alarm indication to the FRS.

Regulation:

- CFOA URN Policy - Users of Remotely Monitored Fire Alarm Systems (RMFAS)
- Electricity at Work Regulations, Statutory Instrument 1989 No. 635 1989

The main standards are:

- BS 5839-1:2002 Fire detection and fire alarm systems for buildings – Code of practice for system design, installation, commissioning, and maintenance
- BS 5839-6:2004 Fire detection and fire alarm systems for buildings – Code of practice for system design, installation, commissioning, and maintenance (Dwellings)
- BS 5839-8:1998 Fire detection and alarm systems for buildings – Part 8: Code of practice for design, installation and servicing of voice alarm systems
- BS 5839-9 Fire detection and alarm systems for buildings – Part 9: Code of practice for design, installation and maintenance of emergency voice communication systems
- BS 5588 Fire precautions in the design, construction and use of buildings

Other relevant standards and codes of practice are as follows:

- BS 7671 Requirements for Electrical Installations
- BS EN 54 Fire detection and fire alarm systems – Product Standards
- BS 5979:2000 Code of practice for remote centres, receiving signals from security systems
- BS 6266:2000 Code of practice for fire protection for electronic equipment installations

FIRE DETECTION & ALARM SYSTEMS (continued)

- Code of practice for Category 1 Aspirating Detection Systems (British Fire Protection Systems Association) 1996
- LPS 1257 Test Specification for Transmission Link Integrity – Radio-linked Fire Detection and Alarm Equipment (Loss Prevention Certification Board) 2001
- Health Technical Memorandum 82, Alarm and Detection Systems - NHS Estates. London: TSO (The Stationery Office)

The above standards are available to Members at preferential rates through the Membership Department at [**membership@eca.co.uk**](mailto:membership@eca.co.uk).

The listing above is not exhaustive. It is important to consult the reference sections of the above documents where a more comprehensive listing may be found.

For further information and assistance Members can email [**enquiries@fireandsecurityassociation.co.uk**](mailto:enquiries@fireandsecurityassociation.co.uk) or phone **0207 313 4888**.

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