

C14 Fire Detection, Alarm and Emergency Lighting Systems

The practical route to understanding the installation, commissioning and maintenance of detection and alarm systems, emergency lights and the relevant legislative requirements

Overview

Using a combination of classroom and workshop facilities, you will be able to clearly demonstrate to customers and/or employers evidence of training matched against:

- the National Occupational Standards in System
- relevant British Standards (BS 5839 Part 1, plus parts 6, 8 and 9; 2017 update BS 6266)
- new updated BS5266 emergency lighting
- BAFF SP203 / LPCB 1014 for Fire Detection & Alarm Systems
- relevant legislation and guidance
- a sector competence matrix agreed by sector employers

Who will benefit?

A five day course designed for those new to the fire detection and alarms industry who require a comprehensive understanding of systems and legislation as well as practical guidance in carrying out installation, commission and maintenance of systems.

Suitable for the apprentice fire alarm engineer, sellers and estimators, designers, premises managers and those fire wardens/marshalls who require a greater understanding of fire alarms. Also a great refresher for time served engineers.

Learning outcomes

On completion of this course learners will have:

- Installation – **BS 5839 Part 1 Section 5**
- Commissioning – **BS 5839 Part 1 Section 5 in detail**
- Servicing – **BS 5839 Part 1 Section 6** including documentation and certification; False alarms reporting
- a practical understanding of **BS5266 2016** emergency lighting
- understanding of the legal framework regarding fire detection and alarm systems including the Fire Safety Order 2005, Disability Discrimination Act / Equality Act and Electricity at Work Regulations

- knowledge of the different types of fire detection systems and latest alarm technology including their principles of operation
- understanding of the layout of a fire alarm system including specific references to power supplies, wiring and cabling
- appreciation of the testing and certification requirements

Programme

Day 1: The first day of this course will cover the fundamentals of fire detection, alarm systems the legal framework.

Days 2-4: using our workshop facilities, a combination of live demonstrations and hands on experience you will learn cable instillation, testing and panel connections. Hands on commissioning and control panel functions and maintenance of systems.

Day 5: Focus on Emergency Lighting, legislation and standards. LEDs, way lighting, addressable central battery systems, self-contained, non-maintained and signage.

Certification

- FPA Certificate
- this course has been awarded 32 IFE CPD hours
- CFPA Europe Fire Alarm Systems Operator

Course Information

Duration	FPA/ ECA Members	Price
5 days	Receive a 10% discount	£1100 + VAT

Prices shown are per delegate.



For course dates, venues and to book this course online please visit www.thefpa.co.uk

In-House Training up to 12 delegates

Duration	FPA/ ECA Members	Price
5 days	Receive a 10% discount	£7200 + VAT

This course must be held at FPA premises to use the practical facilities necessary for this course.
To book email: training@thefpa.co.uk