

Fire Detection, Alarms and Emergency Lighting Systems

C14

Overview

This course provides delegates with a complete understanding of systems and legislation and delivers practical guidance for carrying out installation, commissioning and maintenance of systems.

Who will benefit?

The course is designed for those new to the fire detection and alarm industry who require a comprehensive understanding of systems and legislation. Some delegates may include:

- apprentice fire alarm engineers
- sellers and estimators
- designers
- premises/building managers
- fire wardens/marshalls who require a greater understanding of fire alarms
- time served engineers who require a refresher

Learning outcomes

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:

- relevant British Standards (BS 5839 Part 1, plus parts 6, 8 and 9; 2017 update BS 6266).
- new updated BS 5266
- BAFE SP203 / LPCB 1014 for Fire detection & Alarm Systems a sector competence matrix agreed by sector employers

Delegates will also gain:

- an 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: Covers the fundamentals of fire detection, alarm systems and the legal framework.

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

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

Certification

- Fire Protection Association (FPA) certificate
- CFPA Europe Fire Alarm Systems Operator
- 32 IFE CPD hrs

Progression

- Fire Detection Systems design – page 17

Course Information

Duration	Price	FPA members
5 days	£1100 +VAT	Receive a 10% discount

Prices are shown per delegate.

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

Please contact directly for in-company training up to 16 delegates