

PRACTICAL FIRE ALARM INSTALLATION

Learn to design, install and commission conventional and analogue addressable Fire Alarm Systems to the latest British and European Standards. This training course also counts towards the Certified Technical Security Professional Register application.

WHAT YOU WILL LEARN

- ▶ Installation (theory and practical) of conventional and analogue addressable systems
- ▶ Fire alarm system design
- ▶ Understanding the Regulatory Reform Order (2005) and BS5839
- ▶ Understanding of maintenance requirements
- ▶ How to correctly calculate battery time
- ▶ Commissioning and handover of fire alarm systems
- ▶ Different cable methods used in conventional and addressable systems
- ▶ Installing cables to comply with current standards
- ▶ Configure and program analogue addressable devices
- ▶ Controlling ancillary equipment via input/output boards
- ▶ Setting up and testing smoke and heat detectors
- ▶ Correctly installing and maintaining conventional and addressable systems
- ▶ Methods of cable termination
- ▶ Setting up and testing directional smoke beams
- ▶ Linking fire systems to building management systems
- ▶ Variation orders and what they mean
- ▶ How a system should be zoned
- ▶ Zone isolators and when to fit them
- ▶ How to limit unwatched activations

COURSE CONTENT

- ▶ Fire classifications
- ▶ Understanding the Regulatory Reform Order
- ▶ Health and Safety considerations
- ▶ Fire alarm system design - detection types, zones, sound level requirements
- ▶ Installing smoke/ heat detectors/ smoke beams
- ▶ Programming addressable systems
- ▶ Understanding wire-free equipment and when to use it
- ▶ Emergency lighting systems
- ▶ Remote signalling options
- ▶ Understanding the role of the inspectorates
- ▶ Who should carry out risk assessments
- ▶ Acceptable sound levels using bells or sounders
- ▶ Industry standards and how to apply them
- ▶ Understanding the operation of different devices
- ▶ Interfacing with access control
- ▶ Hands-on workshop activities

“*Fantastic course, brilliant from start to finish.*”

BWS STANDFAST FIRE AND SECURITY SYSTEMS LTD DELEGATE

COURSE COST, DURATION AND AWARD



BTEC Level 3 (optional)
Practical Fire Alarm Installation



5 Days



£1295 +VAT includes
Tavcom Certification. **BTEC**
Certification is optional at an additional
cost of £395 + VAT**