Course Overview:

This course provides understanding of the design process of fire detection and fire alarms systems . It will also enable you to complete designs for non-domestic premises

Course Objective:

- Understand the way in which a large fire alarm system would be connected and zoned
- Specify the import of the British Standards and Regulations relating to fire alarm systems
- Identify the main connections, component parts and indications on typical fire panels
- Identify the required end of line (EOL) terminations and the cabling requirements for mains supplies and detectors etc
- Recognise the various types of detectors used in fire alarm systems
- Read and understand a typical schedule for a large fire alarm system

Course Outline:

- Understanding detection zone size
- Understanding alarm zone size
- Technology of system components and principles of detection
- Sound pressure level requirements
- Advanced detector spacings
- Understand certificate requirements
- False alarm issues
- Battery standby/capacity
- Cause and effect
- Communication with the fire and rescue service

Who Should Attend:

Candidates should be familiar with electrical system design. Suitable candidates should already work within the electrical industry and have a basic understanding of the requirements of fire alarms in the KSA

Training Language:

EN/Ar

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation