Fire Protection in Mission Critical Infrastructures

Get an introduction to fire detection, alarm and suppression within critical environments according to fire codes. A fire can be a major catastrophe for business operations. The damage caused from heat, smoke and water is detrimental to IT equipment and could be expensive to repair. This course explains the advantages and disadvantages of different fire detection systems including smoke detectors, heat detectors, flame detectors and suppression systems such as wet-pipe, dry-pipe, pre-action, watermist and gaseous chemical systems.

Learning Outcomes

- Identify the four stages of a fire
- Compare function and operation of addressable alarm systems against the conventional alarm system
- State the Fire and Building Codes applicable to fire protection and the NFPA codes associated with early and very early warning fire detection systems
- Identify the appropriate use of various smoke, flame and heat detection systems
- Recognize the proper use of each fire prevention system based on facility type
- Compare the advantages and disadvantages of each fire suppression system

5 reasons to choose our courses:

1. Courses aligned to international standards
2. Expert instructors with over 10 years experience
3. Interactive learning experience
4. Blended learning solutions (classroom and online)
5. Specialist career progression tracks for advanced learning

Who should attend?

Any individual directly or indirectly involved in the management or operation of an existing data centre; or in the exploration, design or build phase of a new project, including:

- Data Centre Operator
- OEM Supplier
- Sales Engineer
- Project Manager
- Facilities Manager

Course Content

- Introduction to fire protection
- Conventional and Addressable Fire Systems
- Four Stages of a Fire
- Detection Systems

Price: £250 | €300 | $400