

# ***FIRE DETECTION & FIRE ALARM SYSTEMS BS 5839-1 MODULAR COURSE UNIT 2 DESIGN***

## **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 UK.

## **What will I learn?**

The learner will obtain knowledge and understanding of the design process of fire detection and fire alarms systems to BS 5839-1:2013 and be able to complete designs for non domestic premises.

## **Benefits**

Building on the knowledge gained from unit 1 learners will have a greater understanding of how to design fire detection and fire alarm systems to BS 5839-1:2013 and certificate these designs.

## **Pre-requisites**

Fire Detection & Fire Alarm Systems BS 5839-1 Modular course Unit 1 Fundamentals

## ***COURSE PROGRAMME***

- Understanding the responsibilities of the designer
- 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

## **Assessment body:**

NICEIC

## **What do I need to bring with me?**

Note-taking material (recording devices not allowed)

## **Next steps:**

Once you have completed this course we recommend you consider the following:  
Fire Detection & Fire Alarm Systems BS5839-1 Modular Course Unit 3 - Installation

## **Why train with us?**

We provide:

- Highly-skilled, qualified lecturers
- Purpose-built training facilities
- One-stop-shop for NICEIC enquiries
- Lunch and refreshments provided