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## FIRE DETECTION SYSTEMS & ALARMS – AN INTRODUCTION TO DESIGN

### Course information, syllabus and terms & conditions

A one day theory based course covering the essential elements regarding BS5839-1. The day finishes with an examination to test comprehension and an ability to navigate the British Standard.

#### Who is it for:

Alarm technicians, Owners and Managers of Fire Companies, Risk assessors, Fire Safety officers, other enforcing bodies.

### COURSE STRUCTURE / SYLLABUS

Section 1: The need for a fire alarm

Section 2: Category and areas protected

Section 3: Variations and non-compliance

Section 4: System components

Section 5: Detection zones

Section 6: System Components and their positioning

Section 7: False alarm management

Section 8: Documentation

Section 9: Examination



An ISO 9001 – 2008  
Accredited organisation  
No. 441430

The Independent Fire Engineering & Distributors Association  
The Barn, Radclive Road, Gawcott, Buckingham MK18 4AA



## LEARNING OUTCOME

Successful candidates will be competent to:

- Establish the need for a fire alarm with the appropriate people
- Understand how to implement the relevant category to a proposed building
- Understand the appropriate use of variations
- Understand the different components available and how to select these to design a compliant system
- Understand about the correct selection, siting and spacing of devices
- Know how to consider power supplies and battery backup
- Understand design consideration to reduce the risk of false and unwanted alarms and have an awareness of the documentation required during the design of a fire alarm and system

It becomes necessary to cancel courses if minimum attendance is not achieved and in these cases cancellation is advised 14 days prior to the course start date.

*N.B. IFEDA has made every effort to ensure the accuracy of the information contained in this manual and believe it is correct at the time of issue. IFEDA accepts no liability of any kind whatsoever in respect of work carried out, or advice or guidance given by any person, whether qualified by IFEDA, or based on information offered in IFEDA publications and at IFEDA training courses.*



## TERMS & CONDITIONS

### Costs:

Full course and examination (1 day) per candidate:

**£150.00 IFEDA members**                      **£210.00 non IFEDA members**

Failed candidates may re-sit the examination per candidate:

**£100.00 IFEDA/non members**

Certificates will be issued to successful candidates within 21 days.

**IFEDA are a non-profit making organisation, the following TERMS & CONDITIONS must be applied to all course bookings:**

- Payment must be made at the time of booking
- Cancellation of bookings must be made in writing
- Cancellations received after booking, but up to 14 days prior to course start date will be subject to 50% cancellation fee
- If cancellations are received later than 14 days prior to course start date the full fee is payable
- In the event of failure to arrive for a course the full fee is payable
- Duplicate certificates are available within 3 years of issue date upon application in writing at a fee of £15.00 per certificate
- All fees are subject to VAT
- Courses are offered subject to sufficient bookings being received
- Small charge for post & packing manual applies

N.B. The use of the IFEDA logo is reserved for IFEDA members only. Membership is separate from the successful completion of an IFEDA training course.

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