

# **HONEYWELL FIRE PROFESSIONAL DEVELOPMENT PROGRAMME**



**Honeywell**

## INTRODUCTION

All professionals need to adapt to rapidly changing environments by acquiring new knowledge and improved skills. Honeywell Fire is committed to this educational role and to the provision of a Continuing Professional Development programme for the fire industry. Honeywell Fire has developed and delivers a series of technical seminars designed to enhance the expertise of industry professionals. These sessions cover a comprehensive range of topics within the fire detection sector, including legislation, new technologies, building regulations, and relevant standards. Each seminar is crafted to deepen understanding of the critical considerations surrounding a specific subject area.



### GRADUATE TRAINING PROGRAMME

We're proud to introduce our new Graduate Training Programme, purpose-built for the fire industry. This initiative reflects our commitment to developing the next generation of fire safety professionals or those wishing to enhance their fire knowledge by equipping them with essential insight and skills. The programme is structured around three comprehensive modules, each designed to build expertise and confidence in key areas of the industry.

- **Module 1**

Introduction to BS5839-1: 2025

1 day training module on the basic principles of the code

- **Module 2**

Aspirating smoke detection fundamentals

Half day introduction to the design of Aspirating systems and their application to BS5839-1 and BS6266 – a one hour lunch and learn abridged version is also available

- **Module 3**

Introduction to Voice Alarm Systems and BS5839-8: 2023

Half day introduction to the principles of Voice alarm, loudspeaker design and application of BS5839-8: 2023 and the basic requirements to understand what is required to design a VAPA system – a one hour lunch and learn (a bridged version) is also available.

All sessions will be Certified by the CPD Service which will contribute to training hours as part of the Graduates Continuous professional development.

Each session will include practical design exercises in order for each attendee to practice the learning from the sessions.

### AS A FOLLOW UP EACH GRADUATE WILL:

- Have the option to be partnered with a Honeywell Fire Business Manager for ongoing mentoring (should they wish)
- Receive ongoing design and application support from Honeywell Fire



We would recommend the following sequencing of our **CPD Education Programme**.

## CPD EDUCATION PROGRAMME



Duration: Approx. 1 hour

### RAISING THE STANDARDS

This presentation is an overview of the main changes to British Standard BS 5839-1:2025, which is the Code of Practice for system design, installation, commissioning and maintenance of fire detection and alarm systems within the UK and Northern Ireland. It is aimed at advising any professional party involved in providing a system, be it designer, installer, Fire Company or End User, with the major changes to the code and the impact it may have on Design, Installation, Commissioning and Maintenance.



Duration: Approx. 1 hour

### TESTED PROVE IT

A presentation which looks at the impact of digitization in the fire detection industry and the emergence BS8644-1: 2022, Digital management of fire safety information. Along with emerging technology such as Self testing Smoke detection.



Duration: Approx. 90 mins

## WATCHING THE DETECTORS

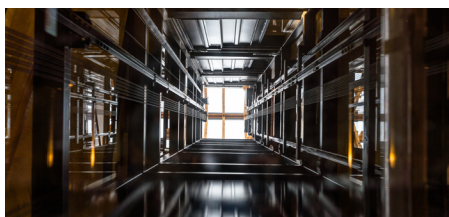
This presentation looks at why the correct choice of fire detector is important in protecting life and property from fire. It concentrates on the types and selection of particular detectors as well as the spacing and siting of them within all types of buildings. It looks specifically at Sections 21 & 22 of the revised British Standard BS 5839-1:2025 and is therefore suitable for anyone involved with the design of a system as well as the ongoing servicing.



Duration: Approx. 1 hour  
(CIBSE & CPD APPROVED)

## SHUT THAT DOOR

This presentation reviews the recommendations of BS 7273-4:2015 paying particular attention to the monitoring and activation of door release mechanisms controlled by a Fire alarm system. This is not a new issue but illustrates how correctly closed doors play a role in restricting the spread of a fire within a building. It looks at the recommendations for design, installation, commissioning and maintenance to the electrical control arrangements for the activation of mechanisms that unlock, release or open doors.



Duration: Approx. 1 hour

## ASPIRATING SMOKE DETECTION

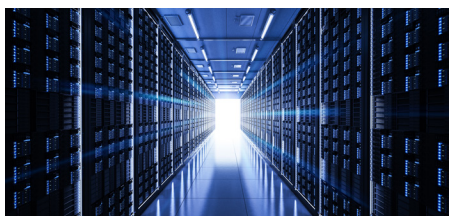
This CPD is a guide to understanding how Aspirating (or Air Sampling) smoke detection systems work and what environments are best suited for this type of fire detection. The course also covers what the key considerations should be when designing and installing an aspirating system. We also offer an extended Aspirating Smoke Detection CPD as part of our Graduate Training Program.



Duration: Approx. 1 hour

## BREAKING THE CODE: FIRE SAFETY IN THE NHS

This seminar details the effect on the requirements of the provision of a Fire detection system within NHS healthcare premises, in light of current Legislation, British Standards and Codes of Practice and provides guidance on the design and installation of new fire detection and alarm systems and highlights the requirements that are detailed in the NHS Firecode 05-03 in addition to those required by BS5839-1: 2025.



Duration: Approx. 1 hour

## TAMING THE LI-ION

This presentation details the risks associated with the growing use of Lithium Ion battery technology and how best to detect the threat to life and property.



Duration: Approx. 1 hour  
(CIBSE & CPD APPROVED)

## COMPLY, STAY ALIVE!

A highly interactive and eye-opening CPD which focuses on a real life fatal fire incident in a care home.

Explore what went wrong and gain knowledge of how the latest standards and fire technology is being implemented to prevent similar tragedies.



Duration: Approx. 1 hour

## GUIDE TO BS8629: 2019 - EVACUATION ALERT SYSTEMS

In the post Grenfell disaster world BS8629: 2019 was released to provide Fire and Rescue Services manual evacuation systems in order to evacuate residents from buildings should a catastrophic event occur. This CPD is aimed at providing guidance for designers, installers, service providers and manufacturers to ensure their alert systems and services offer full functionality.



Duration: Approx. 1 hour  
(CIBSE & CPD APPROVED)

## DON'T BE ALARMED

This presentation aims to give an awareness of the requirements of the British Standard BS5839-8: 2023 to someone who is new to the task of providing a voice alarm system, as well as identifying various product solutions available within the market today. It provides some background research and explains the benefit of having voice alarm messages, as opposed to simple alarm and gives advice on what to consider when designing a system, identifying some of the problems and their solutions especially with regard to audibility and intelligibility. It will provide details of the most common product solutions including speech sounders, central rack and distributed amplifier systems which incorporate Public Address and Fireman's microphones. We also offer an extended Voice Alarm CPD as part of our Graduate Training Program.



Duration: Approx. 1 hour

## OPEN, CLOSED...CONFUSED?

The Seminar is aimed at helping to explain the often mixed messages in the industry with regard to Fire Alarm Protocols, in particular Open and Closed. It explains what protocol actually means, as well as the impact it has on the choice of fire systems provider, and on the on-going essential service and maintenance to ensure a site is managed in accordance with current legislation.



Duration: Approx. 1 hour  
(CIBSE & CPD APPROVED)

## SAFE AS HOUSES

The presentation is a guide to Fire Safety within residential buildings. We specifically focus on best practice solutions by utilizing current technology within the Fire Detection and Alarm industry, to enable designers and consultants to protect the occupants within these buildings without the risk of generating unwanted fire alarm signals, with a view to enhancing and improving the current and future fire strategies adopted in many high risk residential buildings across the UK.



Duration: Approx. 90 mins

## FALSE ALARMS... BE-GONE!

This presentation is a guide to understanding how and why false alarms occur and what we can do to reduce them.

As time is precious, seminars can be held at your offices, and timings can be tailored to suit your needs. Typically a seminar will be held for six to ten people from your organisation, over lunch provided by Honeywell Fire. Attendees are provided with full supporting documentation and Certificates of Attendance are awarded on completion of the seminar.

### For more information

GENT  
buildings.honeywell.com

NOTIFIER  
buildings.honeywell.com

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## HONEYWELL FIRE

Honeywell fire is synonymous with quality and innovation in the fire detection and alarm industry. Our technology meets rigorous British and European standards for all projects ranging from small installations to complex, multi-site networks.

## CPD CERTIFICATION SERVICE

All Honeywell fire CPD seminars are listed on the CPD website; [www.cpduk.co.uk](http://www.cpduk.co.uk) and the Honeywell fire websites. Seminars can also be arranged through your local Honeywell Partners.



Content subject to change without notice.

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