

# Fire Training

**Online training****Classroom training****Bespoke training**

BRE is at the forefront of research in the built environment and is owned by the BRE Trust, the largest UK charity dedicated to research and education in the built environment. BRE Academy's training and education programmes reflect BRE's prestigious legacy and is one of the main dissemination channels for our research findings.

We are the leading training provider for the built environment, offering a range of online and classroom based training. For corporates, we also offer bespoke training programmes customised to meet your specific needs.

To support progress and learning in this skilled industry, we offer recognised industry qualifications, accredited CPD hours and certificates upon successful completion of our courses.

## **Our Fire courses include:**

- Fire Modelling for Fire Investigation and the Design of Buildings
- Fire Safety Awareness (International)
- Fire Door Inspection
- Fire Stopping and Compartmentation
- Timber Fire Door – Installation, Repair & Maintenance
- DSEAR – Risk Assessment and Hazardous Area Zoning for Flammable Dust, Gas & Vapour Atmospheres

**Did you know we offer a range of courses in BIM, BREEAM, CEEQUAL, Fire, Flood Resilience, Health & Safety, HQM, Leadership & Management, Legislation & Regulation, Sustainability, YellowJacket and more.**

**To find out more or book a course, visit [www.bre.ac](http://www.bre.ac)  
call us on +44 (0)333 321 8811 or email [breademy@bre.co.uk](mailto:breademy@bre.co.uk)**

# Fire Training

## Fire Modelling for Fire Investigation and the Design of Buildings

Understand fire modelling and how it can predict how fires could progress in real-world situations. This is done by using data from real fires in simulated environments, from previous experiments or through using computer models.

## Fire Safety Awareness (International)

Aimed at building owners and facilities managers, this interactive course will give an overview of the key issues that need to be considered to mitigate and manage fire, specifically in the working environment.

## Fire Door Inspection

Inspection of fire doors is vital to ensuring that the appropriate products are installed to the proper standard and requires a high level of expertise and competence. Aimed at those undertaking fire door inspections including building control officers and safety inspectors, insurers, fire risk assessors, fire professionals and facilities managers, this course covers the important issues that must be addressed when conducting fire door inspections.

## Fire Stopping and Compartmentation

Fire stopping and compartmentation is constructed to prevent the spread of fire to or from another part of the same building, or an adjoining building. Compartmentation subdivides the building into areas of manageable risk, to provide adequate means of escape, and to provide fire separation for adjoining buildings. The fire resistance of a fire compartment wall or floor is defined in time in minutes and requires fire integrity and fire insulation. This course provides an overview of fire stopping and compartmentation, what the regulations require and how to carry out an inspection.

## Timber Fire Door – Installation, Repair & Maintenance

Correctly installing fire doors and doorsets and their on-going repair and maintenance is critical to the safety of building occupants. Fire doors play a vital role in containing fire and the spread of smoke in the event of a fire. The importance of good installation cannot be overemphasised.

Poor installation can mean that an otherwise well-manufactured door fails to provide the required performance in the event of a fire. The installation of a doorset is as much a part of the fire resistance test as the doorset itself. Any alterations to the method of installation must be covered by a test report, an assessment report or an extended field of application report. Repair and maintenance of a life-safety device such as a fire door is imperative.

## DSEAR – Risk Assessment and Hazardous Area Zoning for Flammable Dust, Gas & Vapour Atmospheres

This course covers DSEAR legislation, sources of release, risk assessment and hazardous area zoning for gas and vapour atmospheres and ATEX equipment. Learning exercises and opportunities to discuss and develop the subject matter form an important part of the course. Successful completion of this three day course and workshop will leave attendees able to verify risk assessments and zoning for atmospheres where flammable dust, gas & vapour are present.

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