



# CIEH Level 3 Award in Fire Safety Risk Assessment and Control Syllabus

## A The importance of fire safety in the workplace

Candidates should understand the importance of fire safety in the workplace and be able to:

- i Describe the costs of workplace fires to employers, employees and society.
- ii Understand current legislation and common law duties for fire safety.
- iii Outline how legislation is enforced and penalties for non-compliance.

## B Principles of fire risk assessment

Candidates should understand the reasons for using a fire risk assessment and the principles involved and be able to:

- i State what is meant by the term 'fire risk assessment' and outline different approaches.
- ii Explain the benefits of carrying out a fire risk assessment.
- iii Describe the stages involved in a typical fire risk assessment.
- iv Describe the necessary competence and skills of a fire risk assessor.
- v Identify when risks demand advice and support from specialist parties.
- vi Give examples of personnel who may be involved in a fire risk assessment programme and state useful sources of internal documentation.
- vii State external sources of advice and information.

## C Fire risk assessment in practice: fire risks and controls

Candidates should understand how to link the principles of fire risk assessment to practical examples of workplaces and activities and be able to:

- i Identify a range of workplace fire hazards and describe appropriate control measures.
- ii Describe the characteristics of fire classes and the risks posed by different types of fire.
- iii Identify the hazards that occur during or after a fire.
- iv Describe the principles of heat transfer and fire spread in a building.
- v Identify common hazards that require special consideration and their controls, including:
  - flammable substances
  - electricity and gas
  - machinery
  - arson.
- vi Identify people who may be at risk from fire, while in the workplace or when trying to escape from it, especially disabled or vulnerable employees or visitors.
- vii Describe typical human behaviour in an emergency situation.
- viii State how the extent of fire risks can be measured and describe at least one method for rating or prioritising fire risks.

## D Fire risk assessment in practice: assessing fire risk control measures

Candidates should understand how fire risk controls are used in the workplace and be able to:

- i Determine if current control measures are suitable and sufficient in order to select and/or recommend additional measures as required, especially in terms of:
  - passive control measures
  - active control measures
  - access and facilities for the fire and rescue service.

## E Fire risk assessment in practice: application of findings

Candidates should understand how to use the findings gained from a fire risk assessment to improve the safety of the workplace and be able to:

- i State the necessity of, and procedures for, recording, monitoring and revising fire risk assessments.
- ii Outline arrangements for communicating the findings of the fire risk assessment to relevant parties, including employees and the fire and rescue service.

## F Undertaking a fire risk assessment

Candidates should understand how to apply their knowledge of fire risk and control in a practical setting and be able to:

- i Undertake a fire risk assessment in a low- or normal-risk environment, demonstrating the ability to analyse a situation, collect information and make appropriate judgements and records.



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