

nebosh

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# Health and Safety Management for Construction (International)

## Qualification guide for learners

# Qualification overview

# Qualification overview

## Qualification key features

|  |  |  |
|--|--|--|
| Assessment unit codes and titles:          | <b>Unit CI1:</b> Managing construction safely  |  |
| Assessment:<br>Unit CI1:                   | <b>Assessment Time</b><br>Open book examination (OBE)  | <b>Assessment Time</b><br>You will have 48 hours to complete and submit your answers. You do not have to complete the examination all in one go. |
| Typical course length:                     | A full-time block release course (usually 10 days)<br>Part-time day release<br>Open or distance learning   |  |
| Qualification level and number of credits: | Notional SCQF Level 7 with 12 credits<br>(Equivalent to RQF Level 4)   |  |
| Entry requirements:                        | None   |  |
| Recommended minimum standards of English:  | Equivalent to an International English Language Testing System score of 6.0 or higher in IELTS tests   |  |
| Languages available:                       | English  |  |
| Pass standards:                            | The provisional pass mark for Unit CI1 is 45%. More information on how provisional pass marks are set can be found in our FAQs: <a href="https://www.nebosh.org.uk/faqs/how-does-nebosh-set-the-pass-mark-for-each-assessment/">https://www.nebosh.org.uk/faqs/how-does-nebosh-set-the-pass-mark-for-each-assessment/</a> .<br><br>A "Pass" must be obtained to achieve the NEBOSH Health and Safety Management for Construction |  |
| Qualification grades:                      | The qualification grade is based on the result from Unit CI1<br>Distinction: 75% or higher<br>Credit: 65% - 74%<br>Pass: 45% - 64%   |  |

# Qualification overview

## Who is the qualification designed for?

The Health and Safety Management for Construction qualification (IC) is aimed at anyone (managers, supervisors and workers) in the construction sector. It's ideal for anyone who needs a broad understanding of construction health and safety issues to be able to manage day-to-day risks effectively.

Many people take this qualification as a first step in a career in health and safety. It gives a valuable overview, and is a sound basis for further professional study.

## Benefits for learners

The CI looks at everyday solutions for construction workplace health and safety issues. When you have completed the qualification, you will be able to:

- manage construction risks and hazards;
- justify the need for health and safety improvements;
- produce or contribute to a construction health and safety plan;
- help your organisation to manage contractors;
- positively influence health and safety culture and behaviour;
- carry out a risk assessment of a construction site and manage a range of construction hazards;
- recognise workplace changes and their impacts and understand how to minimise these impacts;
- develop basic safe systems of work that include emergency arrangements and know when

to use a permit-to-work system; and

- take part in incident investigations.

## Benefits for employers

When you achieve the CI, you will make a real difference in the workplace. You will have the knowledge, understanding and skills to help protect the health and safety of all workers. You will also be able help your employer to comply with the law and good practice, as well as help them avoid the huge costs from incidents and ill-health.

## Professional membership

Holders of the qualification will be able to apply for the following membership:

| Membership body                                       | Membership category | Designatory letters |
|---|---------------------|---------------------|
| International Institute of Risk and Safety Management | Associate           | AIIRSM              |

# Qualification overview

## Syllabus development and review

We developed the syllabus following wide consultation with key stakeholders: Learning Partners (the companies that deliver your training), employers, past and present learners and subject-matter experts. NEBOSH would like to thank all those who participated in the development of the new CI.

## Achieving the qualification

The CI has one unit assessment (see 'Qualification key features' for details on the assessments and the pass standards); you must achieve a "Pass" to be awarded the qualification.

## Re-sitting units

You may re-sit your unit assessment if you were referred.

There is no limit to the number of times you can re-sit a unit. A refund will not be given if you register to re-sit a unit before an original unit result is known. If your re-sit result is lower than the original mark, you will keep the original mark awarded for the unit. Re-sit marks are not capped.

## The assessment

The aim of this assessment is for you to practically apply your knowledge and understanding gained from your studies of the CI syllabus. To do this, you will need to complete an Open Book Examination (OBE) based on a fictional construction site, which includes theoretical and practical application questions and a scenario-based risk assessment exercise.

Several years ago Ian Frame was asked by a colleague which qualifications he had to go with his role as an offshore safety training officer. He recalls feeling "almost embarrassed" by the question, because at the time he had no "piece of paper" to match his level of experience. Ian, a proud Scotsman, had worked on oil rigs since before the time of the Piper Alpha disaster in 1988, mainly on the drilling side of operations.



"Way back when I first got a chance at health and safety on the rigs, there was no real push for qualifications. They just knew I had the experience on the rig which meant I knew what to look out for."

It was only when global oil prices began to fall in 2014 that Ian really began to consider becoming qualified. "I'd see high earning guys around me losing their jobs and struggle to get another job in the industry because they had nothing against their name. So I guess, as I entered my fifties, I kind of finally saw the light and realised if I ever wanted to work anywhere else, holding a NEBOSH qualification would help."

Fast forward to 2019 and Ian now proudly holds four NEBOSH qualifications - the International General, Fire, Construction and Environmental Management Certificates. He now lives in Australia and works for Serco Global Services as the new Safety Services Manager for Acacia Prison, Australia's biggest prison. "I love the job, the people and the beautiful scenery here and I think I'll be staying," Ian told us. "It's a land of opportunity right now and being NEBOSH-qualified is certainly one of the big reasons I'm now working here."

# Qualification overview

You can find all the information about the OBE, including a sample OBE paper, on the following webpage:

<https://www.nebosh.org.uk/open-book-examinations/>

## Individual learner feedback

For more information on the assessment feedback provided for this qualification, please visit the NEBOSH website:

<https://www.nebosh.org.uk/faqs/how-can-i-gain-feedback-on-my-performance-to-assist-with-future/>

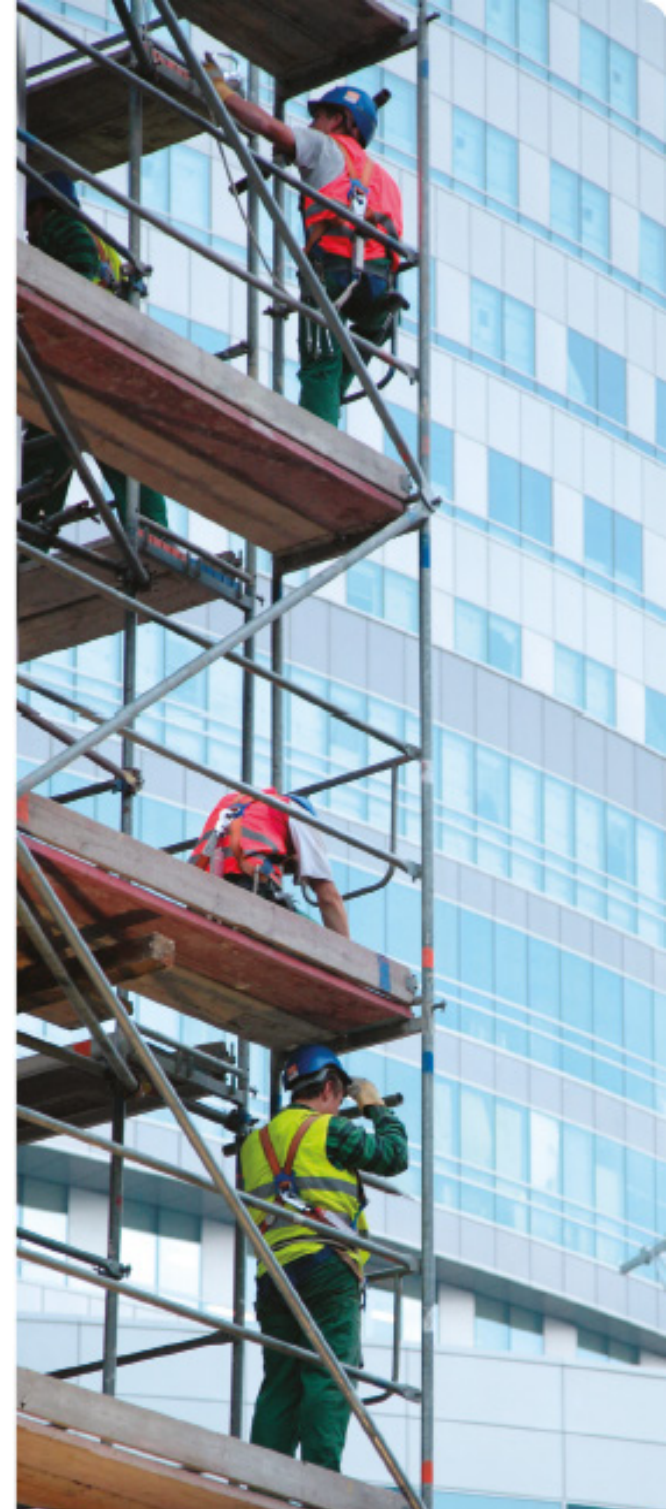
## Finding where to study

You can search for Learning Partners (the people that provide your training course) using the 'Where to study' tab on our website: [www.nebosh.org.uk](http://www.nebosh.org.uk) Note: it is best to check directly with the Learning Partner for up-to-date information on course dates.

## Qualification grading and issue of qualification parchment

When you have completed the unit, you are normally considered to have completed the whole qualification. We will send you a qualification parchment within 20 working days when you have successfully completed the unit. We will only issue individual unit certificates on written request.

Once we have issued you with your results, you have 20 working days to submit an Enquiry About Result (EAR) request; please see the EAR policy on the NEBOSH website: [www.nebosh.org.uk](http://www.nebosh.org.uk).



# Syllabus

# Syllabus

## Syllabus summary

| Element   | Assessment                  |
|---|-----------------------------|
| <b>1</b> The foundations of construction health and safety management | Open Book Examination (OBE) |
| <b>2</b> Improving health and safety culture and assessing risk       |                             |
| <b>3</b> Managing change and procedures                               |                             |
| <b>4</b> Excavation   |                             |
| <b>5</b> Demolition   |                             |
| <b>6</b> Mobile plant and vehicles                                    |                             |
| <b>7</b> Working at height  |                             |
| <b>8</b> Musculoskeletal health and load handling                     |                             |
| <b>9</b> Work equipment   |                             |
| <b>10</b> Electricity   |                             |
| <b>11</b> Fire  |                             |
| <b>12</b> Chemical and biological agents                              |                             |
| <b>13</b> Physical and psychological health                           |                             |



# Syllabus

## Learning outcomes and assessment criteria

| Learning outcome<br>The learner will be able to:  | Related content  | Assessment criteria  | Assessment |
|---|------------------|--|------------|
| Justify health and safety improvements using moral and financial arguments  | <b>1.1</b>       | Discuss the moral and financial reasons for managing health and safety in the workplace  | OBE        |
| Advise on the main roles, competencies and duties under construction legislation and on a range of general construction site issues | <b>1.2 - 1.7</b> | <p>1.2 Summarise the main health and safety duties under construction legislation and how contractors should be selected, monitored and managed; and identify how technology can be used to effectively plan and manage construction project lifecycles</p> <p>1.3 Summarise the types of construction work and range of activities</p> <p>1.4 Identify what to consider during a construction site assessment</p> <p>1.5 Identify how to keep a site secure and in good order</p> <p>1.6 Summarise how to manage temporary construction works</p> <p>1.7 Outline what welfare arrangements should be on site and other particular construction issues</p> | OBE        |
| Positively influence health and safety culture and behaviour to improve performance in their organisation                           | <b>2.1 - 2.3</b> | <p>2.1 Describe the concept of health and safety culture and how it influences performance</p> <p>2.2 Summarise the human factors which positively or negatively influence behaviour at work in a way that can affect health and safety</p> <p>2.3 Summarise how health and safety culture at work can be improved</p>   | OBE        |

# Syllabus

| Learning outcome<br>The learner will be able to:   | Related content             | Assessment criteria  | Assessment |
|--|-----------------------------|--|------------|
| Recognise workplace changes that have significant health and safety impacts and effective ways to minimise those impacts   | <b>3.1</b>                  | 3.1 Discuss typical workplace changes that have significant health and safety impacts and ways to minimise those impacts   | OBE        |
| Develop basic safe systems of work (including taking account of typical emergencies) and knowing when to use permit-to-work systems for special risks                      | <b>3.2 - 3.4</b>            | 3.2 Describe what to consider when developing and implementing a safe system of work for general activities<br><br>3.3 Explain the role, function and operation of a permit-to-work system<br><br>3.4 Discuss typical emergency procedures (including training and testing) and how to decide what level of first aid is needed in the workplace | OBE        |
| Take part in incident investigations   | <b>3.5</b>                  | 3.5 Explain why and how incidents should be investigated, recorded and reported  | OBE        |
| Measure and monitor health and safety performance data   | <b>3.6</b>                  | 3.6 Explain how to obtain, analyse and report health and safety performance data, including the benefits and limitations of this approach.   | OBE        |
| Assessing risks, recognising a range of common hazards, evaluating risks (taking account of current controls), recommending further control measures, and planning actions | <b>2.4</b><br><b>4 - 13</b> | 2.4 Explain the principles of the risk assessment process<br><br>4 - 13 Produce a risk assessment that considers a wide range of identified construction hazards (drawn from elements 4 - 13)  | OBE        |