

ICTQual AB



Qualification Specification

ICTQual AB Level 1 Award in Confined Space Entry

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ICTQual AB's

Level 1 Award in Confined Space Entry

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Qualification Specification about

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About ICTQual AB's

ICTQual AB is a distinguished awarding body based in the United Kingdom, dedicated to fostering excellence in education, training, and skills development. Committed to global standards, ICTQual AB's provides internationally recognized qualifications that empower individuals and organizations to thrive in an increasingly competitive world. Their offerings span diverse industries, including technical fields, health and safety, management, and more, ensuring relevance and adaptability to modern workforce needs.

ICTQual AB's delivers high-quality educational solutions through a network of Approved Training Centres worldwide. Their robust standards and innovative teaching methodologies equip learners with practical knowledge and skills for personal and professional growth. With a mission to inspire lifelong learning and drive positive change, ICTQual AB's continuously evolves its programs to stay ahead of industry trends and technological advancements.

Course Overview

ICTQual AB Level 1 Award in Confined Space Entry provides basic facts, simple procedures, and practical safety awareness for safe entry into well-defined confined spaces. Learners recognize common hazards, select relevant safety information, follow routine safety steps, address simple problems, and check if actions were effective, all under clear guidance and supervision.

Objectives

Learners will: understand basic confined space facts and hazards; follow routine entry procedures; use simple cognitive and practical safety skills; select and apply relevant safety information; perform basic PPE and equipment checks; identify if safety actions were effective; address simple, predictable entry problems; and take responsibility for completing routine tasks under supervision and guidance.

Aims:

This qualification aims to build foundational competence for safe confined space entry in routine and predictable environments. It develops learner ability to recognize simple risks, follow well-defined safety

procedures, use relevant PPE and equipment, communicate safety needs, apply selected information, solve simple entry issues, and evaluate effectiveness of safety actions, while working responsibly under direction.

Targeted Audience:

Designed for beginners and support-level workers involved in routine, well-defined, and predictable industrial confined space entry tasks, including assistants, site helpers, technicians, and new entrants in industrial, construction, maintenance, and safety roles. Suitable for those who need basic awareness, simple safety procedures, guided responsibility, and practical cognitive skills to enter confined spaces safely under supervision.

Key Benefits:

- Basic hazard awareness for confined spaces
- Simple, routine entry safety steps
- Guided PPE and equipment checking skills
- Ability to select safety information and observe effectiveness
- Responsibility taken under supervision

Certification Framework

Qualification title	ICTQual AB Level 1 Award in Confined Space Entry
Course ID	HSE0005
Total Qualification Time	10
Guided Learning Hours	5
Grading Type	Pass / Fail
Competency Evaluation Assessment	Coursework / Assignments / Verifiable Experience The assessment and verification process for ICTQual AB's qualifications involves two key stages: Internal Assessment and Verification: ✓ Conducted by the staff at the Approved Training Centre (ATC) to ensure learners meet the required standards through continuous assessments. ✓ Internal Quality Assurance (IQA) is carried out by the centre's IQA staff to validate the assessment process. External Quality Assurance: ✓ Managed by ICTQual AB's verifiers, who periodically review the centre's assessment and IQA processes. Verifies that assessments are conducted to the required standards and ensures consistency across centres

Entry Requirements

The ICTQual AB Level 1 Award in Confined Space Entry course welcomes participants from diverse backgrounds who meet specific entry requirements aimed at ensuring a conducive learning environment and optimal engagement.

- ✓ Participants must be at least 18 years old. This ensures that all individuals are legally adults and can fully comprehend the course material and participate in practical exercises.
- ✓ A basic level of literacy and numeracy is required to engage with the course material, understand safety instructions, complete written assessments, and perform basic calculations relevant to confined space entry.
- ✓ Confined space work can be physically demanding and may require individuals to navigate tight spaces, use ladders or scaffolding, and carry heavy equipment. Participants should be in good health with no medical conditions that could impede their ability to safely perform tasks in confined spaces.
- ✓ While prior experience in confined space work is not mandatory, participants should have a basic understanding of workplace health and safety principles. This could include knowledge of hazard identification, risk assessment, and the proper use of personal protective equipment (PPE).
- ✓ Proficiency in the language in which the course is delivered is essential to ensure participants can comprehend instructions, engage in discussions, and complete assessments effectively. For non-native speakers, a language proficiency test may be required.

Qualification Structure

This qualification comprises 7 mandatory units. Candidates must successfully complete all mandatory units to achieve the qualification.

Mandatory Units	
Unit Ref#	Unit Title
HSE0005-01	Understanding Confined Spaces
HSE0005-02	Legislation and Regulations
HSE0005-03	Hazard Identification and Risk Assessment
HSE0005-04	Personal Protective Equipment (PPE) and Safety Gear
HSE0005-05	Entry and Exit Procedures
HSE0005-06	Atmospheric Monitoring and Gas Detection
HSE0005-07	Emergency Procedures and Rescue Techniques

Centre Requirements

To ensure quality training delivery, centres must adhere to the following standards:

1. Centre Approval

- ✓ Centres must be formally approved by ICTQual AB's before delivering this qualification.
- ✓ Approval involves a review of facilities, policies, and staff qualifications.

2. Qualified Staff

- ✓ **Tutors:** Must hold a Level 4 or higher qualification in a relevant safety or technical field such as Occupational/Industrial Health & Safety, Construction/Industrial Safety, Confined Space Entry & Rescue, Hazardous Atmosphere Monitoring, Permit-to-Work systems, or equivalent safety certifications, along with practical industry experience in confined space operations, gas/atmosphere testing, ventilation basics, entry permits, PPE inspection, risk assessment, lock-out/tag-out awareness, and simple emergency response or rescue support procedures.
- ✓ **Assessors:** Must hold a recognized assessor qualification (e.g., CAVA, AVRA) or equivalent)
- ✓ **Internal Quality Assurers (IQAs):** Must hold a recognized IQA qualification (e.g. Level 4 Award in the IQA and Level 4 Certificate in Leading the IQA) and experience to oversee assessment standards.

3. Learning Facilities

Centre must offer:

- ✓ Private study areas and internet-enabled workspaces (for blended or physical delivery)
- ✓ Academic and pastoral support for learners
- ✓ Administrative support must be available to manage enrolment, tracking, and learner queries efficiently

4. Health and Safety Compliance

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- ✓ All training facilities must comply with health and safety regulations.
- ✓ Centres must conduct regular risk assessments for practical activities.

5. Learning Resources

- ✓ **Course Materials:** Approved textbooks, study guides, and digital content must align with the qualification standards.
- ✓ **Assessment Tools:** Templates and guidelines must be provided to ensure standardized evaluation processes.
- ✓ **E-Learning Support:** Centres offering online or blended learning must implement an effective Learning Management System (LMS).

6. Assessment and Quality Assurance

- ✓ Centres must ensure assessments meet ICTQual AB's competency standards.
- ✓ Internal quality assurance (IQA) must be conducted to maintain consistency.
- ✓ External verifiers from ICTQual AB's will review assessment and training practices.

7. Learning Support

- ✓ **Qualification Guidance:** Support for coursework and assignments.
- ✓ **Career Pathway Assistance:** Information on progression opportunities in sustainability and energy sectors.
- ✓ **Accessibility Support:** Accommodations for learners with disabilities or language barriers.

8. Policies and Compliance

Centres must uphold the following policies in accordance with ICTQual AB's standards:

- ✓ Equality, Diversity, and Inclusion Policy.
- ✓ Health and Safety Policy.
- ✓ Safeguarding and Learner Protection Policy.
- ✓ Complaints and Appeals Procedure.
- ✓ Data Protection and Confidentiality Policy.

9. Reporting Requirements

- Centres must provide ICTQual AB's with regular reports on learner registrations, progress, and certification outcomes.
- Assessment records must be maintained for external auditing and quality assurance purposes.

Support for Candidates

Centres should ensure that materials developed to support candidates:

- ✓ Facilitate tracking of achievements as candidate's progress through the learning outcomes and assessment criteria.
- ✓ Include information on how and where ICTQual AB's policies and procedures can be accessed.
- ✓ Provide mechanisms for Internal and External Quality Assurance staff to verify and authenticate evidence effectively.

This approach ensures transparency, supports candidates' learning journeys, and upholds quality assurance standards.

Assessment

This qualification is competence-based, requiring candidates to demonstrate proficiency as defined in the qualification units. The assessment evaluates the candidate's skills, knowledge, and understanding against the set standards. Key details include:

1. Assessment Process:

- ✓ Must be conducted by an experienced and qualified assessor.
- ✓ Candidates compile a portfolio of evidence that satisfies all learning outcomes and assessment criteria for each unit.

2. Types of Evidence:

- ✓ Observation reports by the assessor.
- ✓ Assignments, projects, or reports.
- ✓ Professional discussions.
- ✓ Witness testimonies.
- ✓ Candidate-produced work.
- ✓ Worksheets.
- ✓ Records of oral and written questioning.
- ✓ Recognition of Prior Learning (RPL).

3. Learning Outcomes and Assessment Criteria:

- ✓ **Learning Outcomes:** Define what candidates should know, understand, or accomplish upon completing the unit.
- ✓ **Assessment Criteria:** Detail the standards candidates must meet to demonstrate that the learning outcomes have been achieved.

This framework ensures rigorous and consistent evaluation of candidates' competence in line with the qualification's objectives.

Unit Descriptors

HSE0005-01- Understanding Confined Spaces

Provides basic facts about what a confined space is, common types, limited access, low ventilation, and simple hazards. Learners build awareness of routine confined space tasks and responsibilities. They select relevant safety information and identify if safety checks and actions were effective through observation, with guidance from trainers or supervisors.

Learning Outcome:

Assessment Criteria:

- | | |
|--|---|
| 1. Define confined spaces and identify their characteristics, including limited entry and exit points, restricted airflow, and potential hazards. | 1.1 Tell what "work at height" means using a simple example.
1.2 Identify three places where a worker might fall (e.g., a ladder, a roof, or a hole in the floor).
1.3 List one task that is not working at height, such as sitting at a desk. |
| 2. Recognize various types of confined spaces commonly encountered in industrial settings, such as tanks, silos, and sewers. | 2.1 State why you must have a safety lesson before climbing a tall ladder.
2.2 Identify the person who checks if you have the right training for the job.
2.3 Name two things a safety course teaches you about using a harness.
2.4 Tell what could happen if an untrained person tries to use a cherry picker. |
| 3. Identify common hazards present in confined spaces, such as oxygen deficiency, toxic gases, and physical hazards like engulfment. | 3.1 Point out the most common injury caused by falling from a low height.
3.2 State one way a workplace fall can stop a person from going to work.
3.3 Identify a "lesson learned" from a simple story about a ladder accident. |
| 4. Understand the importance of confined space awareness and the implementation of safety precautions to mitigate risks effectively. | 4.1 Name three different jobs that need climbing (e.g., window cleaner, painter, and roofer).
4.2 Identify a weather problem, like heavy rain, that makes working outside dangerous.
4.3 Pick out a height hazard in a picture of a construction site.
4.4 List one indoor place where you might need a small step-up.
4.5 Tell why a messy floor near a ladder is a danger for height work. |

HSE0005-02- Legislation and Regulations

Introduces simple legal facts and basic rules for confined space entry. Learners understand duties of workers and employers, permits, and routine compliance steps. They select relevant regulatory information, follow predictable rules, take responsibility for routine tasks, and identify if actions meet legal expectations under clear guidance.

Learning Outcome:	Assessment Criteria:
1. Explain relevant health and safety legislation and regulations governing confined space entry operations.	1.1 State the basic definition of a confined space in simple terms. 1.2 List two main features of a confined space, such as difficulty getting in or out. 1.3 Identify if a work area is "confined" by looking at the layout and airflow.
2. Identify the legal responsibilities of employers and employees regarding confined space safety.	2.1 Name three common examples of confined spaces found in a workplace (e.g., a tank, a pipe, or a pit). 2.2 Match a picture of an industrial setting to its correct name. 2.3 Point out which areas in a provided diagram are considered confined spaces.
3. Describe the requirements for obtaining confined space permits and conducting risk assessments before entry.	3.1 List two types of dangerous gases that might be found underground. 3.2 Identify physical risks, such as falling or being trapped by loose materials (engulfment). 3.3 State what happens to a person if there is not enough oxygen in the space?
4. Ensure compliance with confined space entry standards and guidelines to maintain a safe working environment.	4.1 State why it is important to check the air quality before entering a space. 4.2 Identify basic safety equipment used for entry, such as a harness or a gas detector. 4.3 Follow a simple safety checklist to ensure all basic risks are covered before starting a task.

HSE0005-03- Hazard Identification and Risk Assessment

Teaches basic steps to identify common confined space hazards and simple risk controls. Learners use basic thinking and practical skills to follow routine hazard checks, select relevant safety information, address simple predictable problems, and observe if risk control actions were effective, with trainer direction.

Learning Outcome:

Assessment Criteria:

- | | |
|--|---|
| 1. Identify potential hazards associated with confined space entry, including atmospheric, physical, and biological hazards. | 1.1 List three common dangers found in the air (like lack of oxygen).
1.2 Identify physical risks such as tripping, falling, or getting stuck.
1.3 Point out signs of biological hazards like mold, dirty water, or animals. |
| 2. Conduct comprehensive risk assessments for tasks involving height work. | 2.1 Identify who might be harmed by a specific hazard at the site.
2.2 State what could happen if a hazard is not managed correctly.
2.3 Check if the workspace is clear of dangers before starting. |
| 3. Implement control measures to mitigate risks, following the hierarchy of controls (elimination, substitution, engineering controls, administrative controls, personal protective equipment). | 3.1 Check that a safety fan or vent is working correctly.
3.2 Identify which safety sign or barrier is needed to keep people away.
3.3 Explain why following a supervisor's safety plan is important. |
| 4. Develop risk assessment strategies to ensure the safety of personnel entering confined spaces. | 4.1 Follow a standard checklist to prepare for a safe entry.
4.2 Participate in a team talk about the day's safety plan.
4.3 Identify when a new risk assessment is needed (e.g., if the weather changes). |

HSE0005-04- Personal Protective Equipment (PPE) and Safety Gear

Covers basic facts on selecting, checking, and using safety gear like helmets, gloves, harnesses, masks, and protective equipment. Learners follow routine inspection steps, select relevant PPE information, report simple defects, use PPE correctly, take responsibility under supervision, and identify if PPE use was effective.

Learning Outcome:

1. Identify the types of personal protective equipment (PPE) required for confined space entry, such as harnesses, helmets, and respiratory protection.
2. Demonstrate the proper selection, fitting, and use of PPE for different confined space environments.
3. Perform routine inspection, maintenance, and storage of PPE to ensure its effectiveness and integrity.
4. Implement emergency response procedures in the event of PPE failure or malfunction.

Assessment Criteria:

- 1.1 Match the correct gear (helmet, boots, gloves) to the body part it protects.
- 1.2 Identify a safety harness and explain its use for working in deep spaces.
- 1.3 Recognize different types of masks used for breathing safe air.
- 2.1 Put on a safety harness and tighten the straps correctly.
- 2.2 Show how to wear a hard hat so it stays in place.
- 2.3 Check that gloves and boots are the right size for the worker.
- 2.4 Demonstrate how to breathe comfortably while wearing a mask.
- 3.1 Look for cracks, tears, or damage on gear before using it.
- 3.2 Clean PPE using the correct soap or wipes after work is done.
- 3.3 Check the "expiry date" on a safety helmet.
- 4.1 Demonstrate the "stop work" signal if a harness or mask breaks.
- 4.2 State the safe way to exit a space if equipment fails.
- 4.3 Identify the nearest backup gear or emergency kit.

HSE0005-05- Entry and Exit Procedures

Provides simple, routine, and well-defined procedures for safe entry and exit. Learners understand permits, buddy support, signage, and basic access steps. They use practical skills to support safe movement, select relevant entry information, address simple access issues, and identify if entry/exit actions were effective through observation.

Learning Outcome:	Assessment Criteria:
1. Establish pre-entry procedures, including hazard assessment, permit issuance, and equipment checks, to ensure safe entry into confined spaces.	1.1 Check that the "Permit to Work" is signed and visible. 1.2 Test that the torch or light works before going inside. 1.3 Confirm that the entry area is clear of clutter.
2. Safely enter and exit confined spaces using appropriate access equipment, such as ladders, hoists, or descent devices.	2.1 Connect a safety line to a tripod or hoist correctly. 2.2 Exit the space slowly and carefully when told to do so. 2.3 Use a hoist to lower tools into the space without dropping them.
3. Communicate effectively with entry and standby personnel to coordinate entry and exit procedures and ensure safety throughout the operation.	3.1 Use a two-way radio to check in with the person outside. 3.2 Repeat instructions back to the supervisor to show understanding. 3.3 Keep a simple log of who is inside the space and for how long.
4. Implement emergency procedures for rapid evacuation in the event of unforeseen hazards or incidents.	4.1 Respond immediately to an evacuation alarm or whistle. 4.2 Leave tools behind and move to the exit quickly and safely. 4.3 Meet at the designated "Assembly Point" after exiting.

HSE0005-06- Atmospheric Monitoring and Gas Detection

Introduces basic facts on air testing, common gases, gas detectors, alarms, and ventilation awareness. Learners follow routine monitoring steps, select relevant detector readings, identify if air conditions are safe, address simple predictable atmosphere issues, and observe if monitoring actions were effective, with trainer guidance.

Learning Outcome:	Assessment Criteria:
1. Recognize atmospheric hazards commonly encountered in confined spaces, including oxygen deficiency, flammable gases, and toxic substances.	1.1 State why we cannot always smell or see dangerous gases. 1.2 List the dangers of having too little or too much oxygen. 1.3 Identify common toxic gases like Carbon Monoxide.
2. Operate gas detection and atmospheric monitoring equipment to assess air quality and detect hazardous gases.	2.1 Lower a sensor into a space to test the air before entering. 2.2 Check that the monitor has enough battery for the shift. 2.3 Demonstrate how to hold the monitor correctly while working.
3. Interpret gas concentration readings and alarm signals to make informed decisions regarding entry into confined spaces.	3.1 Read the numbers on the screen and say if they are "Safe" or "Unsafe." 3.2 Explain what to do if the monitor starts vibrating or beeping. 3.3 Recognize the difference between a low battery beep and a gas alarm.
4. Respond appropriately to hazardous atmospheric conditions to prevent accidents and ensure the safety of personnel.	4.1 Move to fresh air immediately if an alarm sounds. 4.2 Warn others nearby to stay away from the dangerous area. 4.3 Report the alarm reading to the supervisor right away.

HSE0005-07- Emergency Procedures and Rescue Techniques

Covers simple, predictable emergency facts and basic rescue support awareness like alarms, evacuation, and contacting rescue teams. Learners use basic thinking to address simple emergency problems, follow well-defined response steps, take responsibility under direction, and identify if emergency actions were effective through observation and guidance.

Learning Outcome:	Assessment Criteria:
1. Develop confined space emergency response plans to address potential hazards and incidents.	1.1 Identify the location of the nearest first aid kit and phone. 1.2 State the name of the person in charge of an emergency. 1.3 Point out the fastest way out of the work area on a site map.
2. Assess confined space rescue hazards and implement rescue techniques using appropriate equipment and procedures.	2.1 Identify the danger of trying to rescue someone without the right gear. 2.2 Assist in setting up a tripod for a winch rescue. 2.3 Check that rescue ropes are not knotted or frayed.
3. Coordinate with emergency services and internal rescue teams to facilitate prompt and effective rescue operations.	3.1 Give a clear and simple description of the location to a caller. 3.2 Stay at the entrance to guide the rescue team when they arrive. 3.3 Provide the permit and gas readings to the rescue team.
4. Demonstrate proficiency in confined space emergency procedures and rescue techniques through simulated scenarios and practical exercises.	4.1 Take part in a practice drill for a "Man Down" situation. 4.2 Use a whistle or alarm correctly during a practice session. 4.3 Follow all rescue steps in the right order during a test.

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