

ICTQual AB



Qualification Specification

ICTQual AB Level 1 Award in scaffolding Inspector



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ICTQual AB's

Level 1 Award in scaffolding Inspector

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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

Scaffolding plays an important role in the construction industry by providing safe access to work at height. When scaffolding is not erected, used, or inspected correctly, it can create serious safety risks for workers and others on site. Many accidents occur due to damaged components, poor assembly, or a lack of regular inspection. Basic and routine scaffolding inspections are therefore essential to maintain safety and prevent simple but dangerous faults.

The ICTQual AB Level 1 Award in Scaffolding Inspector is designed to provide learners with basic knowledge and practical understanding of scaffolding inspection. This qualification introduces learners to common scaffolding components, typical hazards, and simple inspection procedures carried out under guidance. It supports individuals who are involved in routine site activities and need to identify obvious safety issues.

This course helps improve workplace safety by ensuring scaffolding is checked regularly and simple problems are reported promptly, contributing to a safer and more controlled working environment.

Aims

The aim of this qualification is to introduce learners to the fundamentals of scaffolding inspection. It focuses on developing awareness of common scaffolding components, basic hazards, and routine inspection procedures. The course supports learners in performing simple inspection tasks safely and responsibly in a predictable work environment.

Objectives

By the end of this qualification, learners will be able to:

- Understand the basic purpose and types of scaffolding
- Identify common scaffolding components and simple defects
- Follow basic procedures for routine scaffolding inspection
- Recognise obvious hazards and unsafe conditions
- Use simple inspection checklists and record findings
- Understand when to report issues to a supervisor or responsible person

Targeted Audience

This qualification is suitable for:

- Entry-level construction workers
- Scaffolding operatives and helpers
- Site supervisors at a basic level
- Safety assistants or junior safety staff
- Individuals new to scaffolding inspection responsibilities

Certification Framework

Qualification title	ICTQual AB Level 1 Award in scaffolding Inspector
Course ID	HSE0007
Total Qualification Time	10
Guided Learning Hours	5
Grading Type	Pass / Fail
Competency Evaluation	Coursework / Assignments / Verifiable Experience
Assessment	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 Level 1 Award in scaffolding Inspector 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 to enroll in the course.
- ✓ A fundamental understanding of reading, writing, and basic arithmetic is required. This ensures that participants can comprehend course materials, follow instructions, and complete any written assessments.
- ✓ While not a strict requirement, having some experience in the construction industry or a related field is advantageous. This prior experience helps participants relate course content to real-world scenarios and enhances their understanding of scaffolding practices.
- ✓ Participants should be in good health and physically capable of performing scaffolding inspections, which may involve climbing and working at heights. This ensures they can safely participate in practical sessions and real-world inspections.
- ✓ A basic understanding of scaffolding components and their use in construction is beneficial. This can be acquired through prior work experience or introductory courses in construction safety. Proficiency in the language of instruction is essential. Participants should be able to understand and communicate effectively in the language used for teaching the course to grasp the technical terms and safety protocols discussed.

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
HSE0007-01	Introduction to Scaffolding
HSE0007-02	Legislation and Standards
HSE0007-03	Scaffold Components
HSE0007-04	Inspection Procedures
HSE0007-05	Common Scaffolding Hazards
HSE0007-06	Practical Inspection Training
HSE0007-07	Safety Procedures and Emergency Response

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:** This course provides learners with basic knowledge and skills to inspect scaffolding safely and effectively. Learners will become aware of relevant procedures, identify simple hazards, select appropriate inspection methods, and evaluate whether scaffolding meets standards. It focuses on routine, well-defined inspection tasks, enabling learners to take responsibility for completing checks under guidance while addressing simple safety issues.
- ✓ **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

- ✓ 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

HSE0007-01- Introduction to Scaffolding

Learners gain basic knowledge of scaffolding types, purposes, and uses in construction. They become aware of essential terminology and basic setup procedures. The unit develops practical skills to identify scaffold components and understand their functions. Learners can perform simple observations, follow guidance, and take responsibility for routine tasks while addressing straightforward scaffolding-related questions.

Learning Outcome:	Assessment Criteria:
1. Understand the fundamental principles and purposes of scaffolding.	1.1 State clearly that the primary purpose of scaffolding is to create a safe, steady platform for working at height. 1.2 Identify that a scaffold must be designed to carry the total weight of workers, heavy tools, and building materials without moving. 1.3 List three different tasks that require scaffolding, such as bricklaying, window installation, and exterior painting.
2. Identify and differentiate between various types of scaffolding systems and their specific applications.	2.1 Identify a "Tube and Fitting" scaffold and explain that it is built manually using individual pipes and couplers. 2.2 Identify a "System Scaffold" and describe how its parts come with pre-made connection points for faster assembly. 2.3 Recognize a "Mobile Tower" and state that it must only be used on flat, hard ground because it has wheels.
3. Recognize the key components and materials used in scaffold construction.	3.1 Identify galvanized steel tubes and state why they are used to prevent rust and maintain strength. 3.2 Identify standard timber scaffold boards and check that they have metal "end hoops" to prevent the wood from splitting. 3.3 Identify the base plate and the sole board (the wooden block under the plate) and explain how they work together to support the scaffold's legs.

HSE0007-02- Legislation and Standards

This unit introduces learners to key scaffolding regulations, standards, and codes of practice. Learners develop awareness of legal and safety requirements, learn to select relevant information for inspections, and understand the importance of compliance. They practice applying procedures under guidance, complete routine checks, and identify whether scaffold setups meet well-defined regulatory standards.

Learning Outcome:	Assessment Criteria:
1. Comprehend the local, national, and international regulations governing scaffolding safety.	1.1 Name the specific local health and safety authority and state that their rules must be followed on every job site. 1.2 Explain the "7-day rule," which requires a scaffold to be inspected at least once every week or after any bad weather. 1.3 Locate the site-specific Safety Method Statement and state why it is important to read it before starting an inspection.
2. Understand the legal responsibilities and obligations of scaffold inspectors, users, and employers.	2.1 State that the inspector has a legal duty to stop work immediately if they find a fault that makes the scaffold dangerous. 2.2 Identify that a worker's responsibility is to use the scaffold correctly and not remove any safety parts like guardrails. 2.3 State that the employer is legally required to provide a safe environment and all necessary safety equipment (PPE) for the staff.
3. Ensure scaffolding operations comply with relevant safety standards and guidelines to avoid legal and regulatory penalties.	3.1 Demonstrate how to correctly fill out a "Scafftag" with the date, time, and name of the inspector. 3.2 Describe the legal consequence of ignoring a "Do Not Use" sign, including the risk of injury and fines for the company. 3.3 Verify that the scaffold has been built according to the "Design Drawing" provided by the supervisor.

HSE0007-03- Scaffold Components

Learners acquire basic knowledge of scaffolding parts, including tubes, boards, fittings, and supports. The unit emphasizes recognizing and selecting components correctly, understanding their purpose, and performing routine checks. Learners develop practical skills to identify faulty parts, follow guidance in assembling or inspecting components, and take responsibility for completing simple tasks safely and effectively.

Learning Outcome:

Assessment Criteria:

- | | |
|---|--|
| 1. Identify the primary components of scaffolding structures, including tubes, boards, couplers, and fittings. | 1.1 Identify the "Standard" and state that it must be perfectly vertical to carry the weight of the structure.
1.2 Identify the "Ledger" and explain that it connects the standards horizontally to give the scaffold its length.
1.3 Identify the "Transom" and state that it sits across the ledgers to provide the direct support for the scaffold boards. |
| 2. Assess scaffold components for signs of wear, damage, and defects. | 2.1 Inspect scaffold boards for "notching," deep cracks, or chemical spills that might make the wood weak.
2.2 Check metal tubes for "mushrooming" (flattened ends) or deep dents that could stop a coupler from fitting safely.
2.3 Test a "Right-Angle Coupler" to ensure the bolt is clean, oiled, and can be tightened firmly by hand using a spanner. |
| 3. Understand the importance of using high-quality, certified materials in scaffold construction to maintain safety and integrity. | 3.1 Identify the "British Standard" (BS) or "European Norm" (EN) marks stamped onto tubes and boards to prove they are high quality.
3.2 State that mixing different types of system scaffolding parts is dangerous because they may not lock together correctly.
3.3 Explain that using uncertified or "scrap" materials can lead to a structural collapse during heavy wind or loading. |

HSE0007-04- Inspection Procedures

This unit focuses on basic scaffolding inspection routines, including pre-use and periodic checks. Learners gain knowledge of step-by-step procedures, relevant tools, and documentation methods. They practice using inspection checklists, identify defects, and select correct corrective actions. Learners take responsibility for completing inspections under supervision and determine whether scaffold setups are safe and compliant.

Learning Outcome:	Assessment Criteria:
1. Develop a systematic approach to inspecting scaffolding structures.	1.1 Demonstrate an inspection routine that starts at the "Foundations" (ground) and checks every "Lift" (level) while climbing up. 1.2 Check the "Plumb" of the scaffold using a spirit level or plumb line to ensure the structure is not leaning. 1.3 Inspect the "Ties" (connectors) between the scaffold and the building to ensure the scaffold cannot pull away or fall inward.
2. Utilize inspection checklists to conduct thorough and consistent evaluations.	2.1 Use a checklist to confirm that every working level has a "Double Guardrail" (a top rail and a mid rail) to prevent falls. 2.2 Tick the checklist to confirm that "Toe-boards" are fitted tightly against the boards to stop small items like bolts or hammers from falling. 2.3 Verify that the "Ladder Access" is clear of obstructions and that the ladder extends at least 1 meter above the landing platform.
3. Accurately document and report inspection findings, identifying any safety issues or non-compliance areas.	3.1 Use a site logbook to write a clear "Pass" or "Fail" report for the scaffold being inspected. 3.2 Describe a found defect using simple, accurate terms so the scaffolding crew knows exactly what to fix (e.g., "Missing toe-board on 3rd lift, North side"). 3.3 Ensure the completed report is signed by both the inspector and the site manager before any workers are allowed on the scaffold.

HSE0007-05- Common Scaffolding Hazards

Learners gain awareness of typical hazards associated with scaffolding, including falls, instability, and defective components. The unit teaches how to identify risks, assess their severity, and apply simple mitigation measures. Learners develop practical skills to report issues, follow guidance in routine hazard checks, and take responsibility for addressing straightforward safety concerns.

Learning Outcome:

Assessment Criteria:

1. Recognize common hazards associated with scaffolding, such as instability, overloading, and environmental factors.

- 1.1 Identify "Overloading" by checking if the weight on a platform exceeds the "Safe Working Load" (SWL) written on the sign.
- 1.2 Identify "Incomplete Platforms" where boards are missing or not pushed together, creating a tripping hazard.
- 1.3 Recognize "Poor Foundations" where base plates are placed on soft mud, loose bricks, or uneven soil without sole boards.

2. Implement effective control measures to mitigate identified risks.

- 2.1 Use "Safety Netting" or "Debris Netting" on the outside of the scaffold to protect people walking below the work area.
- 2.2 Install "Stop Ends" (guardrails at the ends of the scaffold) to prevent workers from walking off the edge of a platform.
- 2.3 Ensure that any ladder used for access is placed at a "4-to-1 ratio" (1 meter out for every 4 meters up) to prevent it from tipping.

3. Understand how environmental conditions, such as wind and weather, can impact scaffolding safety and how to manage these risks.

- 3.1 Explain that scaffolding with "Netting" or "Sheeting" acts like a sail and can be blown over much easier during high winds.
- 3.2 State that workers must clear snow or ice from boards and apply sand (not salt) before anyone is allowed to work after a winter storm.
- 3.3 Identify that heavy rain can wash away the soil under the sole boards, making the scaffold legs go "out of level."

HSE0007-06- Practical Inspection Training

This unit provides hands-on experience in performing scaffolding inspections under supervision. Learners apply knowledge of components, hazards, and procedures to routine tasks. They practice identifying faults, selecting appropriate actions, and following inspection protocols. The unit reinforces occupational competence, enabling learners to complete predictable inspections and take responsibility for evaluating whether scaffold setups meet safety requirements.

Learning Outcome:	Assessment Criteria:
1. Apply theoretical knowledge in practical settings to conduct real-world scaffolding inspections.	1.1 Conduct a physical walk-around of a 2-lift scaffold and identify the "Bracing" (diagonal tubes) used to stop the scaffold from swaying. 1.2 Use a "Scaffolder's Rule" or tape measure to check that the gap between boards is not more than 25mm. 1.3 Demonstrate how to check if a coupler is "finger-tight" or "spanner-tight" by safely attempting to move it.
2. Gain hands-on experience in identifying and addressing potential safety issues under supervision.	2.1 Successfully find three "hidden faults" (e.g., a missing tie, a cracked board, and a loose coupler) during a supervised practice test. 2.2 Demonstrate the correct way to climb a scaffold ladder while maintaining "three points of contact" (two hands and one foot). 2.3 Discuss the inspection results with the supervisor and explain why certain parts were marked as "Unsafe."
3. Develop confidence and competence in performing scaffold inspections through practical exercises and feedback.	3.1 Re-inspect a section of the scaffold after a trainer has corrected a mistake in your initial evaluation. 3.2 Improve the detail in the written inspection report based on the trainer's suggestions for better clarity. 3.3 Repeat the full inspection process from start to finish until the trainer confirms you can work without guidance.

HSE0007-07- Safety Procedures and Emergency Response

Learners gain basic knowledge of scaffolding safety procedures, emergency protocols, and incident reporting. The unit teaches how to follow guidance, use safety equipment, and respond to simple emergency situations. Learners practice applying procedures during routine tasks, assess whether actions are effective, and take responsibility for completing safety checks while ensuring well-defined, predictable responses to hazards.

Learning Outcome:	Assessment Criteria:
1. Understand and implement safety procedures for the erection, use, and dismantling of scaffolding.	1.1 State that "Erection" and "Dismantling" are high-risk times and only the specialized scaffolding crew should be in the area. 1.2 Perform a "Pre-use PPE Check" to ensure your own helmet is not cracked and your safety boots have good grip. 1.3 Ensure that the area under the scaffold is cordoned off with "Warning Tape" while work is being done overhead.
2. Develop and execute emergency response plans for scaffolding-related incidents.	2.1 Identify the fastest route to the "Muster Point" from the top level of the scaffold. 2.2 State the exact location of the "Emergency Stop" buttons for any hoists or lifts attached to the scaffold. 2.3 Participate in a "Mock Rescue Drill" to practice what to do if a worker is suspended in a safety harness.
3. Know basic first aid procedures and immediate actions to take in case of scaffolding accidents or injuries.	3.1 State the "ABC" of basic first aid (Airway, Breathing, Circulation) to use while waiting for a medic. 3.2 Explain that a person who has fallen in a harness must be kept in a specific position to prevent "Suspension Trauma." 3.3 Identify the person on site who is the "Designated First Aider" and know how to contact them quickly via radio or phone.

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