

ICTQual AB



Qualification Specification

ICTQual AB Level 4 Diploma in Scaffolding Inspector



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ICTQual AB's

Level 4 Diploma in Scaffolding Inspector

Contents

ICTQual Level 4 Diploma in Scaffolding Inspector..... 1

About ICTQual AB's..... 2

Course Overview 2

Certification Framework 5

Entry Requirements 5

Qualification Structure..... 6

Centre Requirements..... 6

Support for Candidates..... 8

Assessment..... 8

Unit Descriptors9 to 14

Qualification Specification about

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About ICTQual AB's

ICTQual AB's Ltd. is a distinguished awarding body based in the United Kingdom, dedicated to fostering excellence in education, training, and skills development. Committed to global standards, ICTQualAB'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, ICTQualAB's continuously evolves its programs to stay ahead of industry trends and technological advancements.

Course Overview

The ICTQual AB Level 4 Diploma in Scaffolding Inspector is a professional qualification designed to develop advanced skills and technical knowledge required for conducting complex scaffolding inspections. It prepares individuals for supervisory and leadership responsibilities in scaffold inspection processes, particularly in high-risk and large-scale operations. This diploma builds upon foundational inspection techniques and introduces learners to structural assessment, digital inspection methods, legal responsibilities, and risk-led decision-making.

Learners will explore standards applicable to advanced scaffold configurations, including suspended and system scaffolds used in challenging environments such as industrial plants, high-rise structures, and offshore platforms. Emphasis is placed on inspection leadership, documentation integrity, investigative techniques, and continuous improvement frameworks within scaffolding safety.

Aims:

- To empower learners to carry out inspections on technically complex scaffolding systems with advanced confidence and accuracy.
- To enhance understanding of structural mechanics, material behaviour, and engineering limitations in scaffold design and construction.
- To equip learners with the ability to supervise inspection teams, communicate findings professionally, and implement corrective actions.
- To reinforce compliance with advanced regulatory standards, safety legislation, and inspection documentation protocols.
- To foster a proactive safety culture through critical incident analysis, learning-based reporting, and strategic planning.

Key Standards & Objectives:

This qualification is developed in line with internationally recognised health, safety, and scaffolding inspection standards. By completing this diploma, candidates will be able to:

- Perform structural analysis of scaffold systems including suspended, cantilevered, birdcage, and mobile tower scaffolds.
- Apply engineering principles in load distribution, tie arrangements, anchoring systems, and dynamic stress zones.
- Conduct inspections using a risk-based approach, prioritising high-impact faults and compliance gaps.
- Interpret and evaluate detailed design drawings, manufacturer specifications, and method statements.
- Lead scaffold inspection teams, assign inspection responsibilities, and manage inspection schedules in line with operational needs.
- Integrate digital tools such as inspection software, digital logs, and fault tracking systems into inspection processes.
- Produce legally compliant inspection reports with accurate observations, recommendations, and follow-up actions.
- Investigate and report on scaffolding-related incidents using structured root cause analysis.
- Evaluate the impact of non-compliance and propose improvements to inspection strategies and safety controls.

Target Audience:

The Level 4 Diploma in Scaffolding Inspector is designed for:

- Senior scaffolding inspectors seeking formal recognition of advanced competencies.
- Site supervisors and inspection coordinators responsible for quality assurance of scaffolding operations.
- Safety managers and technical leads involved in evaluating scaffold integrity in complex industrial or civil projects.
- Experienced professionals progressing toward leadership roles within scaffolding inspection and compliance oversight.

Certification Framework

Qualification title	ICTQual Level 4 Diploma in Scaffolding Inspector
Course ID	HSE0069
Grading Type	Pass / Fail
Competency Evaluation	Coursework / Assignments / Verifiable Experience
Assessment	The assessment and verification process for ICTQualAB'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 ICTQualAB'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 4 Diploma in Scaffolding Inspector** course welcomes participants from diverse backgrounds who meet specific entry requirements aimed at ensuring a conducive learning environment and optimal engagement.
- ✓
- ✓ **Age Requirement** – Learners must be at least 18 years old.
- ✓ **Work Experience** – A minimum of one to two years of experience in scaffolding, construction, or a related safety role is often required.
- ✓ **Educational Background** – While there are no strict academic prerequisites, a Level 2 or Level 3 qualification in scaffolding, construction, or health and safety is beneficial.
- ✓ **Understanding of Scaffolding Regulations** – Basic knowledge of scaffolding components, safety procedures, and industry regulations is recommended.
- ✓ **Physical Fitness** – The role of a scaffolding inspector involves on-site inspections, which may require a reasonable level of physical fitness.
- ✓ **Health and Safety Awareness** – A strong commitment to health and safety standards, including familiarity with UK regulations such as the Work at Height Regulations 2005, is essential.

Qualification Structure

This qualification comprises 6 mandatory units. Candidates must successfully complete all mandatory units to achieve the qualification.

Mandatory Units	
Unit Ref#	Unit Title
HSE0069-01	International Scaffolding Standards and Certifications
HSE0069-02	Advanced Scaffold Engineering and Load Distribution
HSE0069-03	Scaffold Design Risk Assessments and Structural Integrity
HSE0069-04	Legal and Ethical Considerations in Scaffolding
HSE0069-05	Expert-Level Audit and Compliance Frameworks
HSE0069-06	Leadership and Strategic Decision-Making for Scaffold Safety

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 possess a recognised qualification in scaffolding, construction safety, or a related discipline at Level 4 or above.
- ✓ **Assessors:** Must hold a recognized assessor qualification (e.g., CAVA, AVRA) or equivalent)
- ✓ **Internal Quality Assurers (IQAs):** Must be appropriately qualified and experienced 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 ICTQualAB's will review assessment and training practices.

7. Learning Resources and Infrastructure

The centre must provide learners with access to adequate academic resources, including:

- ✓ Virtual Learning Environment (VLE) or Learning Management System (LMS)
- ✓ Engineering and safety case studies, simulation tools, and software.
- ✓ Access to digital libraries, e-books, and relevant professional standards (ISO, OSHA, HSE, etc.)

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 ICTQualAB'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 and assessed through performance evidence, aligned with the defined standards and objectives.

Assessment Methods Include:

- **Observation Reports** – Direct assessment of scaffold inspection practices in live environments.
- **Written Assignments and Case Studies** – Analytical exercises reflecting on compliance issues, structural design, and inspection strategies.
- **Professional Discussions** – Structured oral assessments evaluating learners' judgement, understanding, and technical reasoning.
- **Work-Based Portfolios** – Compilation of documented evidence including inspection logs, photographic records, and fault analyses.
- **Incident Investigation Reports** – Learner-led reporting and analysis of real or simulated scaffold-related incidents.

Unit Descriptors

HSE0069-01-International Scaffolding Standards and Certifications

This unit helps learners understand the key international standards and certification systems used in scaffolding work. It explains how different countries and industries set safety rules, inspection guidelines, and competence requirements for scaffolders and inspectors. Learners will study how these standards improve safety, support legal compliance, and ensure consistency in scaffold inspections around the world. The unit also covers recognised certification routes and how these support career development and inspection authority.

Learning Outcome:	Assessment Criteria:
1. Analyse global scaffolding standards and their application in different regulatory environments	1.1 Explain how international scaffolding standards are structured and maintained. 1.2 Assess how local laws and global standards interact in multinational construction projects. 1.3 Illustrate the use of a global standard, such as ISO or OSHA, in real-world scaffolding inspections. 1.4 Describe challenges faced when applying international standards in local regulatory systems.
2. Evaluate the importance of international certifications in maintaining safety and quality in scaffolding operations	2.1 Discuss how certification bodies influence scaffold inspector training and competency. 2.2 Examine how valid certifications support workplace accountability and performance. 2.3 Describe the role of certification in reducing inspection errors and legal risks.
3. Compare key differences between UK, European, and international scaffolding standards.	3.1 Highlight at least three technical differences between UK and EU scaffolding regulations. 3.2 Contrast the documentation and inspection requirements across UK, EU, and international standards. 3.3 Assess how these differences affect inspection practices in cross-border projects.

HSE0069-02-Advanced Scaffold Engineering and Load Distribution

This unit focuses on the technical side of scaffolding. Learners will study how scaffold structures carry weight, how force is shared across different parts, and what happens if loads are not balanced properly. The unit explains how to check if a scaffold has the right design to support workers, tools, and equipment safely. It also shows how ground conditions, weather, and structure shape can affect safety. Learners will practise checking bracing, ties, and support points.

Learning Outcome:	Assessment Criteria:
1. Assess complex load distribution principles and their impact on scaffold stability	1.1 Analyse the effects of point loads and uniform loads on scaffold frame strength. 1.2 Describe how environmental conditions, like wind or vibration, influence load balance. 1.3 Evaluate the role of load transfer through ledgers, transoms, and braces.
2. Apply engineering concepts to ensure scaffolding structures meet safety and performance requirements.	2.1 Use simple calculations to verify that a scaffold meets load-bearing capacity. 2.2 Determine how bracing, ties, and baseplates contribute to structural support. 2.3 Recommend structural adjustments when overloading risks are identified. 2.4 Apply standard engineering principles to check design suitability before erection.
3. Interpret technical specifications and structural drawings for scaffold installations	3.1 Identify key symbols and data on scaffold design drawings. 3.2 Explain how to confirm material specifications from engineering documents. 3.3 Demonstrate how to check compliance between drawings and actual installations.

HSE0069-03- Scaffold Design Risk Assessments and Structural Integrity

This unit teaches how to inspect scaffold designs and carry out detailed risk assessments. Learners will look at how to spot weaknesses in scaffold plans and make sure the structure will be safe once it is built. They will learn how to check for hazards linked to height, weather, structure type, and changes made on-site. The unit also covers how to plan for changes, monitor scaffold condition over time, and take action if risks increase.

Learning Outcome:	Assessment Criteria:
1. Conduct comprehensive risk assessments for scaffold design and construction	1.1 Create a scaffold-specific risk assessment addressing different structure types. 1.2 Identify site-specific hazards such as overhead obstructions and ground conditions. 1.3 Prioritise risks based on likelihood and potential harm. 1.4 Document control measures in line with accepted industry formats.
2. Identify potential structural failures and implement strategies to enhance scaffold integrity	2.1 Describe early warning signs of structural instability in scaffold systems. 2.2 Recommend reinforcement methods to prevent collapse or tipping. 2.3 Demonstrate the use of scaffold tags and control measures to limit unsafe use.
3. Evaluate the effectiveness of risk mitigation techniques in scaffold safety planning	3.1 Review a past inspection report and judge the success of applied mitigation steps. 3.2 Suggest improvements to scaffold erection sequences that reduce fall risks. 3.3 Assess the impact of team briefings and toolbox talks on hazard awareness.

HSE0069-04- Legal and Ethical Considerations in Scaffolding

This unit explores the legal responsibilities and ethical standards that scaffold inspectors must follow. It explains how safety laws apply to scaffolding work and what inspectors must do to stay compliant. Learners will also learn how to report faults in a professional and responsible way, protect others on-site, and avoid conflict of interest. The unit covers legal consequences of poor inspections and promotes a strong sense of professional duty.

Learning Outcome:	Assessment Criteria:
1. Examine the legal framework governing scaffolding inspection and safety compliance	1.1 Identify major UK legislation that governs scaffold inspections. 1.2 Explain the inspector’s legal responsibilities during routine and incident-based inspections. 1.3 Evaluate the importance of recordkeeping for legal evidence and audits.
2. Analyse ethical responsibilities of scaffolding inspectors in ensuring worker protection	2.1 Discuss how inspectors must balance employer expectations with safety duties. 2.2 Describe how whistleblowing can support site safety in the face of non-compliance. 2.3 Reflect on a real or simulated scenario where ethical judgement was necessary.
3. Interpret key UK regulations such as the Work at Height Regulations 2005 and British Standards	3.1 Summarise the main requirements of the Work at Height Regulations 2005. 3.2 Explain how British Standards (e.g., BS EN 12811) guide scaffold design and inspection. 3.3 Apply regulatory principles to a mock site scenario.

HSE0069-05-Expert-Level Audit and Compliance Frameworks

This unit focuses on advanced inspection systems and how to check if scaffolding work follows proper rules and procedures. Learners will study how audits work, what needs to be checked, and how to record findings. They will also learn how to find patterns in inspection data, report trends, and give clear advice to improve safety. This unit is ideal for those who want to lead inspection audits or ensure high standards across multiple sites.

Learning Outcome:	Assessment Criteria:
1. Develop advanced auditing techniques for scaffold safety inspections	1.1 ☐ Design an audit plan including scope, checklist tools, and timing. 1.2 Identify key performance indicators used in scaffold inspection audits. 1.3 Explain how sampling methods are used in large-site audits.
2. Assess compliance with industry best practices and regulatory standards	2.1 Compare current scaffold structures with approved drawings and specifications. 2.2 Identify non-conformities and classify them by severity. 2.3 Assess documentation for completeness, including inspection logs and correction notices. 2.4 Report findings clearly and propose evidence-based solutions.
3. Formulate corrective actions and improvement strategies for non-compliant scaffold structures.	3.1 Recommend specific improvements using root cause findings. 3.2 Explain how to prioritise corrective actions based on safety impact. 3.3 Develop a follow-up plan to track resolution of audit findings.

HSE0069-06-Leadership and Strategic Decision-Making for Scaffold Safety

This unit helps learners develop leadership skills for managing scaffold safety at a strategic level. It covers how to plan inspection schedules, lead inspection teams, and make key safety decisions under pressure. Learners will explore how to communicate effectively with site workers, engineers, and safety managers. The unit also includes how to lead toolbox talks, respond to emergencies, and promote a positive safety culture.

Learning Outcome:	Assessment Criteria:
1. Implement leadership strategies to promote a culture of safety in scaffolding operations	1.1 Lead toolbox talks that raise awareness of specific scaffold risks. 1.2 Use motivational strategies to build team commitment to safety practices. 1.3 Model best practices through visible, safety-led behaviour on-site.
2. Make informed decisions to enhance scaffold design, inspection, and risk management	2.1 Evaluate options when faced with an urgent scaffold safety concern. 2.2 Balance safety, cost, and time when making scaffold planning decisions. 2.3 Use evidence from inspections to justify operational changes.
3. Evaluate the impact of strategic planning on long-term scaffold safety and efficiency	3.1 Assess the effectiveness of a safety improvement plan over a 6-month period. 3.2 Identify trends from inspection data to guide future scaffold planning. 3.3 Recommend changes to inspection schedules based on site feedback.

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