

ICTQual AB



Qualification Specification

ICTQual AB Level 1 Award in Lifting and Rigging



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ICTQual AB's

Level 1 Award in Lifting and Rigging

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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

The ICTQual AB Level 1 Award in Lifting and Rigging is designed to provide learners with basic knowledge and practical understanding of safe lifting and rigging activities used in routine and well-defined work environments. Lifting and rigging are common tasks in industries such as construction, manufacturing, logistics, and warehousing, where loads must be moved, lifted, or secured safely. Incorrect lifting practices can lead to accidents, injuries, and damage to equipment, making basic awareness and correct procedures essential for all workers involved.

This qualification introduces learners to the fundamental principles of lifting and rigging, including common types of lifting equipment, basic rigging tools, and simple safety procedures. Learners will develop an understanding of their role in lifting operations and the importance of following instructions, safety signs, and workplace rules. The course focuses on routine tasks carried out under supervision, helping learners apply basic skills and knowledge in a controlled and predictable manner.

Through this qualification, learners will gain awareness of potential hazards associated with lifting operations and learn how to identify whether actions taken are effective and safe. The ICTQual AB Level 1 Award in Lifting

and Rigging provides a solid foundation for individuals new to this area of work and supports safe working practices. It also prepares learners for further training and progression to higher-level lifting and rigging qualifications.

Aims

The aim of this qualification is to develop basic occupational competence in lifting and rigging activities. It aims to help learners understand simple procedures, use equipment safely, and follow workplace instructions while taking responsibility for completing routine tasks under supervision.

Objectives

- On completion of this qualification, learners will be able to:
- Understand basic lifting and rigging terms, equipment, and procedures
- Identify common hazards and simple safety controls during lifting operations
- Select and use relevant information related to lifting and rigging tasks
- Follow routine instructions to assist with lifting and rigging activities
- Use basic practical skills to support safe and effective lifting operations
- Recognise whether actions taken during tasks have been effective

Targeted Audience

This qualification is designed for:

- New entrants to construction, manufacturing, logistics, or industrial sectors
- Workers assisting with lifting and rigging activities under supervision
- Site helpers, rigging assistants, and general operatives
- Individuals seeking basic knowledge of lifting and rigging safety
- Learners aiming to progress to higher-level lifting and rigging qualifications

Certification Framework

Qualification title	ICTQual AB Level 1 Award in Lifting and Rigging
Course ID	HSE0012
Total Qualification Time	10 Hours
Guided Learning Hours	5 Hours
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 Level 1 Award in Lifting and Rigging course welcomes participants from diverse backgrounds who meet specific entry requirements aimed at ensuring a conducive learning environment and optimal engagement.

- ✓ Candidates must be at least 18 years old at the time of enrollment. This ensures participants have the maturity required for the safety and responsibility aspects of lifting and rigging tasks.
- ✓ Candidates should possess basic literacy and numeracy skills. This enables them to understand course materials, follow written and verbal instructions, and perform necessary calculations related to load weights and capacities.
- ✓ Participants should be in good physical condition. Lifting and rigging involve manual handling and the ability to work in various environments, including potentially hazardous situations. Good physical health ensures candidates can safely engage in practical exercises and on-the-job activities.
- ✓ A basic understanding of health and safety principles is beneficial. Although not mandatory, prior knowledge or experience in workplace safety can help participants grasp the importance of safety protocols in lifting and rigging operations.

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

Mandatory Units	
Unit Ref#	Unit Title
HSE0012-01	Introduction to Lifting and Rigging
HSE0012-02	Types of Lifting Equipment
HSE0012-03	Rigging Techniques and Practices
HSE0012-04	Safety Protocols and Risk Assessment
HSE0012-05	Legislative and Regulatory Requirements
HSE0012-06	Practical Application and Hands-On Training

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 or Industrial Health and Safety, Construction or Industrial Safety, or an equivalent safety-related certification. They should have practical industry experience related to lifting and rigging operations, including safe use of lifting equipment, basic rigging methods, hazard awareness, and workplace safety 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

- ✓ 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 lifting and rigging operations 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

HSE0012-01- Introduction to Lifting and Rigging

This unit introduces basic concepts of lifting and rigging used in routine work activities. Learners gain simple knowledge of why lifting and rigging are required, common terms used, and basic roles involved. The unit focuses on understanding routine tasks, identifying simple lifting operations, and following instructions under supervision to support safe and effective work practices.

Learning Outcome:

Assessment Criteria:

- | | |
|---|---|
| 1. Understand the fundamental concepts and importance of lifting and rigging in various industries. | 1.1 Describe in simple terms why lifting and rigging are essential for moving heavy items in places like factories, docks, and building sites.
1.2 Explain the basic difference between "lifting" (moving something up) and "rigging" (the way we tie or connect the load to the machine).
1.3 Give a clear example of what might happen to workers or the equipment if the wrong lifting method is used during a job. |
| 2. Recognize the roles and responsibilities of personnel involved in lifting and rigging operations. | 2.1 List the basic duties of the Rigger, the Crane Operator, and the Banksman (Signaller) so everyone knows their specific job.
2.2 Identify the correct person to talk to when you see a safety hazard or if you are unsure about how to start a lifting task.
2.3 State why it is important for everyone in the team to follow the instructions of the person in charge of the lift. |
| 3. Appreciate the impact of effective lifting and rigging techniques on operational safety and efficiency. | 3.1 Explain how using the correct rigging techniques helps to finish a job quickly without causing any accidents or delays.
3.2 Describe how proper rigging prevents the load from falling, which keeps the expensive equipment and the environment safe.
3.3 Identify one way that working efficiently as a team makes the whole lifting process smoother and less dangerous for everyone. |

HSE0012-02- Types of Lifting Equipment

This unit provides basic awareness of common lifting equipment used in predictable work environments. Learners identify different types of equipment such as cranes, hoists, slings, and shackles. The unit supports selecting relevant equipment for simple tasks, understanding basic uses, and recognising visible defects while working under guidance and following established procedures.

Learning Outcome:	Assessment Criteria:
1. Identify different types of lifting equipment, including cranes, hoists, slings, and shackles.	1.1 Correctly name and point out different tools like mobile cranes, chain hoists, wire slings, and metal shackles in a workshop. 1.2 Describe the basic appearance and the main parts of a standard lifting hook, including the safety latch that keeps the load inside. 1.3 Group different types of slings (such as web slings, chain slings, and wire rope slings) based on what they are made of.
2. Understand the criteria for selecting appropriate lifting equipment for specific tasks.	2.1 Choose a piece of lifting gear after checking its "Safe Working Load" (SWL) to make sure it can carry the weight of the object. 2.2 Pick the best type of sling for a specific load, such as using a soft web sling for a fragile object that might get scratched. 2.3 Explain why you would choose a specific shackle or hook based on the size of the attachment point on the load.
3. Learn the procedures for maintaining and inspecting lifting equipment to ensure safety and reliability.	3.1 Perform a simple visual check on a sling to look for common damage like fraying, melting, or big cuts in the material. 3.2 Check a metal shackle or hook for signs of rust, bending, or cracks that might make it unsafe to use for a lift. 3.3 Follow a basic step-by-step cleaning and storage procedure to make sure the equipment stays in good condition for the next use.

HSE0012-03- Rigging Techniques and Practices

This unit develops basic knowledge of simple rigging techniques used for routine lifting tasks. Learners understand straightforward rigging practices such as attaching loads, using slings correctly, and balancing loads. Emphasis is placed on following instructions, using basic practical skills, and completing well-defined rigging activities safely and effectively under supervision.

Learning Outcome:

- 1. Demonstrate knowledge of fundamental rigging techniques and their practical applications.**
- 2. Apply principles of load balancing, weight distribution, and secure attachment in rigging tasks.**
- 3. Develop the ability to handle various loads safely and efficiently during lifting and rigging operations.**

Assessment Criteria:

- 1.1 Show how to tie or apply a basic hitch (like a vertical hitch or a choke hitch) to a pipe or a box under guidance.
- 1.2 Describe the purpose of using "softeners" or padding on sharp corners of a load to protect the slings from being cut.
- 1.3 Explain in simple words why we use different rigging patterns for different shapes of loads, such as long pipes versus square boxes.
- 2.1 Identify the "center of gravity" on a balanced object to make sure the load does not tip over when it is lifted.
- 2.2 Place two or more slings in a way that the weight is spread evenly, so one sling does not have to carry all the pressure.
- 2.3 Check that every connection point is tight and that the slings are not twisted before giving the signal to lift.
- 3.1 Use a tag line (a guiding rope) to keep a load steady and prevent it from spinning around while it is in the air.
- 3.2 Practice moving a load from one spot to another very slowly to avoid any sudden movements that could cause a crash.
- 3.3 Demonstrate how to keep your hands and feet in a safe position away from the load so they don't get trapped or crushed.

HSE0012-04- Safety Protocols and Risk Assessment

This unit introduces basic safety rules and simple risk assessment processes related to lifting and rigging. Learners identify common hazards, understand basic control measures, and follow safety procedures. The unit supports recognising whether actions are effective, addressing simple safety problems, and taking responsibility for safe task completion while working under direction.

Learning Outcome:	Assessment Criteria:
1. Understand the importance of safety protocols in lifting and rigging operations.	1.1 List the main pieces of Safety Gear (PPE) like a hard hat, safety boots, and high-visibility vests that must be worn at all times. 1.2 Explain the "No-Go Zone" rule, which means nobody should ever stand or walk directly under a load that is being lifted. 1.3 Describe the meaning of common safety signs and colors used on a lifting site to warn people of danger.
2. Conduct comprehensive risk assessments for different lifting and rigging scenarios.	2.1 Walk around the work area and identify simple risks, such as wet floors, overhead power lines, or loose debris. 2.2 Check if the ground where the crane or hoist will sit is strong, level, and firm enough to hold the weight without sinking. 2.3 Look at the weather conditions, like strong wind or heavy rain, and decide if it is safe to continue with the lifting task.
3. Implement effective control measures to mitigate risks and enhance the safety of lifting and rigging activities.	3.1 Put up barriers, safety tape, or warning signs to make sure other people do not walk into the dangerous lifting area. 3.2 Clear away any trash or tools from the path where the load will be moved to prevent anyone from tripping. 3.3 Use a "Trial Lift" method, where the load is lifted just a few inches, to double-check that everything is safe before going higher.

HSE0012-05- Legislative and Regulatory Requirements

This unit provides basic awareness of key legal and regulatory requirements related to lifting and rigging activities. Learners understand the importance of following workplace rules, safety signs, and instructions. The unit focuses on recognising relevant information, complying with routine legal requirements, and carrying out tasks responsibly within predictable work environments.

Learning Outcome:	Assessment Criteria:
1. Identify key legislative and regulatory requirements governing lifting and rigging operations.	1.1 State the name of the main safety law or rule book that everyone must follow when doing lifting work in your country. 1.2 Find and read the "ID Number" and the "Weight Limit" (SWL) that are stamped onto a piece of lifting equipment. 1.3 Explain why it is against the law to use any lifting gear that does not have a proper safety certificate or tag.
2. Ensure compliance with local and international safety standards and regulations.	2.1 Check the "Color Code" tag on the equipment to make sure it has been inspected recently and is still allowed to be used. 2.2 Follow the specific safety steps listed in the "Standard Operating Procedure" (SOP) provided by the teacher or supervisor. 2.3 Identify any piece of gear that looks too old, worn out, or modified illegally and report it so it can be removed.
3. Maintain accurate documentation and records to support regulatory compliance and audit requirements.	3.1 Fill in a simple daily log sheet with the date, the name of the equipment, and whether it passed your visual check. 3.2 Keep a record of any problems or broken tools you found during the day so they can be fixed by a professional. 3.3 Help organize the equipment manuals or safety certificates in a folder so they are easy to find if an inspector visits.

HSE0012-06- Practical Application and Hands-On Training

This unit allows learners to apply basic knowledge and practical skills during routine lifting and rigging activities. Learners practice using equipment, following procedures, and completing simple tasks under supervision. The unit emphasizes occupational competence, safe performance, identifying task effectiveness, and developing confidence in completing predictable work activities with guidance.

Learning Outcome:

Assessment Criteria:

- | | |
|--|--|
| 1. Gain practical experience in using various types of lifting and rigging equipment. | 1.1 Practice opening and closing different types of shackles and hooks correctly to make sure they are locked properly.
1.2 Use a manual pull-lift or chain block to lift a small test weight while following all the safety instructions.
1.3 Demonstrate the correct way to roll up and store slings and ropes after the practical session is finished. |
| 2. Apply theoretical knowledge to simulated lifting and rigging operations in a controlled environment. | 2.1 Use the standard hand signals for "Up," "Down," and "Emergency Stop" to communicate clearly with the person moving the load.
2.2 Complete a simple move where you lift a load, move it to the side, and set it down softly on a marked target.
2.3 Check that the load is sitting flat and stable on the ground before you unhook the rigging gear and walk away. |
| 3. Develop problem-solving skills and the ability to address real-world lifting and rigging challenges effectively. | 3.1 Describe what you would do if the load starts to tilt to one side while it is being lifted off the ground.
3.2 Explain how to react if a bystander suddenly walks into the "No-Go Zone" while a lift is happening.
3.3 Identify a safer way to attach a load if the first method you tried makes the sling look like it is slipping. |

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