

ICTQual AB



Qualification Specification

ICTQual AB Level 1 Award in SCBA Rescue



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ICTQual AB's

Level 1 Award in SCBA Rescue

Contents

ICTQual AB Level 1 Award in SCBA Rescue 1

About ICTQual AB's..... 2

Course Overview..... 2

Course Aims 3

Course Objectives 3

Targeted Audience 3

Certification Framework..... 4

Entry Requirements..... 4

Qualification Structure 5

Centre Requirements 5

Support for Candidates 7

Assessment 7

Unit Descriptors 8-13

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 SCBA Rescue is designed to provide learners with basic knowledge and practical understanding of rescue operations in environments where self-contained breathing apparatus (SCBA) is required. In many high-risk industries such as firefighting, industrial manufacturing, oil and gas, and confined space operations, workers may be exposed to hazardous atmospheres, including toxic gases, smoke, or low oxygen levels. In these situations, SCBA plays a vital role in protecting life, but emergencies can still occur that require safe and controlled rescue actions.

This qualification introduces learners to the fundamental concepts of SCBA rescue, focusing on well-defined, routine, and predictable tasks. It helps learners understand their role during an emergency and how to support rescue activities under supervision or guidance. The course covers basic facts, procedures, and safety considerations related to SCBA rescue, enabling learners to identify hazards, follow instructions, and apply simple problem-solving skills.

The qualification also raises awareness of the importance of teamwork, communication, and correct use of equipment during rescue situations. By developing basic occupational competence, this course supports safer

working practices and improves emergency preparedness. Overall, the Level 1 Award in SCBA Rescue provides a strong foundation for individuals who may be involved in assisting rescue operations in hazardous environments.

Course Aims

- To develop basic knowledge of SCBA rescue and safety practices
- To promote safe working behaviour in hazardous environments
- To support effective participation in routine rescue activities
- To improve emergency awareness and preparedness

Course Objectives

- Understand basic SCBA rescue principles and procedures
- Identify common hazards in SCBA rescue environments
- Apply basic practical skills to assist in simple rescue tasks
- Select and use relevant information during emergencies
- Recognise whether actions taken have been effective
- Follow instructions and take responsibility for assigned tasks

Targeted Audience

- Entry-level workers in high-risk industries
- Firefighting support staff and industrial workers
- Confined space operatives and assistants
- Individuals required to work with or around SCBA

Certification Framework

Qualification title	ICTQual AB Level 1 Award in SCBA Rescue
Course ID	HSE0014
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 SCBA Rescue Training 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 they have the maturity and responsibility required for the training.
- ✓ Due to the physically demanding nature of rescue operations, participants should be in good health and possess a reasonable level of physical fitness. They should be capable of lifting and carrying heavy loads and working in confined spaces or at heights.
- ✓ Participants should have basic literacy and numeracy skills to comprehend course materials, follow written and verbal instructions, and complete assessments.
- ✓ While not always mandatory, having prior awareness or experience with self-contained breathing apparatus (SCBA) can be beneficial. This familiarity with SCBA equipment and operation can help participants grasp concepts more quickly during the training.
- ✓ Participants may be required to provide their own personal protective equipment (PPE), such as safety boots, gloves, helmets, and protective clothing. Specific requirements will be communicated by the training provider prior to the course.

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
HSE0014-01	Introduction to SCBA Rescue
HSE0014-02	SCBA Equipment Familiarization
HSE0014-03	Rescue Techniques and Procedures
HSE0014-04	Safety Protocols and Risk Assessment
HSE0014-05	Emergency Response and Scenario-based Training
HSE0014-06	Legislative and Regulatory Requirements

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:** possess a specialized qualification in Emergency Response or Confined Space Rescue (equivalent to Level 3 or above), hold a recognized teaching qualification at Level 3 or above, and demonstrate current operational competence in executing rescue protocols while wearing Self-Contained Breathing Apparatus.
- ✓ **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 Emergency Response or Confined Space Rescue Operation 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

HSE0014-01- Introduction to SCBA Rescue

This unit introduces learners to the fundamentals of SCBA rescue in hazardous environments. It covers basic concepts, terminology, and the importance of SCBA in protecting life. Learners gain awareness of their role during rescue operations, understand simple procedures, and recognize routine hazards. The unit provides a foundation for safe participation in well-defined rescue tasks.

Learning Outcome:	Assessment Criteria:
1. Understand the significance of SCBA rescue operations in high-risk environments.	1.1 State the primary function of Self-Contained Breathing Apparatus (SCBA) in oxygen-deficient or toxic atmospheres. 1.2 Identify two specific industrial environments where SCBA is mandatory (e.g., confined spaces, chemical plants). 1.3 Outline the difference between filtration masks and SCBA.
2. Recognize the roles and responsibilities of rescue personnel involved in SCBA rescue.	2.1 Identify the responsibilities of the "SCBA Wearer." 2.2 State the role of the "Entry Control Officer" (ECO) in monitoring safety. 2.3 List three safety duties of a rescue support team member.
3. Identify common hazards and challenges encountered during SCBA rescue operations.	3.1 List three environmental hazards common in rescue scenarios (e.g., heat, smoke, uneven terrain). 3.2 Describe how SCBA equipment impacts the wearer's sensory perception (vision and hearing). 3.3 Identify the risks associated with "entanglement" and "snagging" in narrow spaces.

HSE0014-02- SCBA Equipment Familiarization

Learners are introduced to the components, functions, and limitations of self-contained breathing apparatus (SCBA). The unit covers basic inspection, correct wearing, and simple maintenance procedures. Learners develop awareness of equipment safety, correct handling, and routine checks. This knowledge supports effective participation in SCBA rescue activities and ensures safe use during hazardous operations under supervision.

Learning Outcome:	Assessment Criteria:
1. Identify and describe the components of self-contained breathing apparatus (SCBA).	1.1 Identify the cylinder, pressure reducer, lung demand valve (LDV), and face mask. 1.2 Differentiate between the High-Pressure and Low-Pressure hoses. 1.3 Identify the location and function of the Low-Pressure Warning Whistle (or electronic alarm).
2. Understand the function and operation of each component within the SCBA system.	2.1 Explain the purpose of the cylinder valve and how to open it correctly. 2.2 Read a pressure gauge to determine available air content. 2.3 Explain the function of the face mask seal in maintaining positive pressure.
3. Demonstrate proficiency in donning and doffing SCBA equipment safely and efficiently.	3.1 Demonstrate a pre-use visual check of the equipment straps and cylinder. 3.2 Demonstrate the correct technique for donning the SCBA set (e.g., "coat" or "overhead" method). 3.3 Adjust straps to ensure a secure fit and demonstrate a face seal check. 3.4 Demonstrate the safe removal (doffing) and stowage of the equipment.

HSE0014-03- Rescue Techniques and Procedures

This unit focuses on basic rescue skills in SCBA environments. Learners practice simple techniques to assist or extract individuals safely, following clear instructions and guidance. It emphasizes predictable, routine tasks, teamwork, and correct sequencing of actions. Learners learn to respond to emergencies effectively, apply practical skills safely, and contribute to rescue operations under supervision.

Learning Outcome:

- 1. Learn a variety of rescue techniques applicable to different scenarios, including confined space rescue, high-angle rescue, and hazardous materials incidents.**
- 2. Understand the importance of effective communication and coordination among rescue team members.**
- 3. Develop skills in patient assessment, packaging, and extrication during SCBA rescue operations.**

Assessment Criteria:

- 1.1 Demonstrate the "shuffle" method to move safely without tripping.
- 1.2 Demonstrate the "sweep" technique using a hand or tool to detect obstacles.
- 1.3 Explain the importance of maintaining contact with a guideline or wall.
- 2.1 Demonstrate three standard hand signals used in SCBA operations (e.g., "Stop," "Go," "Low Air").
- 2.2 Demonstrate correct radio etiquette for acknowledging a command.
- 2.3 Explain the "Buddy System" and why team members must never separate.
- 3.1 Perform a basic consciousness check (e.g., "Shake and Shout").
- 3.2 Demonstrate how to assist in dragging a rescue manikin using a drag strap or webbing.
- 3.3 Identify safe lifting points on a casualty to avoid further injury.

HSE0014-04- Safety Protocols and Risk Assessment

Learners gain awareness of common hazards in SCBA rescue operations and the importance of following safety protocols. The unit introduces basic risk assessment methods, identifying potential dangers, and taking appropriate actions to prevent accidents. Learners learn to recognize safe practices, follow guidance, and ensure rescue activities are carried out with minimal risk in predictable emergency scenarios.

Learning Outcome:	Assessment Criteria:
1. Implement safety protocols to mitigate risks during SCBA rescue operations.	1.1 Perform a "Buddy Check" on a partner to ensure their equipment is secure before entry. 1.2 Identify the purpose of the Entry Control Board (ECB) tally system. 1.3 Demonstrate proper use of Personal Protective Equipment (PPE) alongside SCBA (e.g., helmet, gloves).
2. Conduct thorough risk assessments prior to initiating rescue activities.	2.1 Identify signs of structural instability or changing conditions (e.g., rising water, increasing smoke). 2.2 Explain the procedure for an "Emergency Evacuation Signal." 2.3 Report a potential hazard to the Incident Commander or Team Leader effectively.
3. Identify potential hazards and implement appropriate control measures to ensure the safety of both rescuers and victims.	3.1 Select and demonstrate the use of intrinsically safe lighting (e.g., ATEX-rated torches) to illuminate low-visibility hazards. 3.2 Apply temporary hazard controls (such as barrier tape, cones, or signage) to establish a safe working cordon under supervision. 3.3 Demonstrate the ability to maintain a safe exclusion distance from specific site hazards (e.g., energized electrical cables or high-pressure leaks).

HSE0014-05- Emergency Response and Scenario-based Training

This unit provides learners with practical experience in simulated SCBA emergency situations. It covers simple decision-making, teamwork, and responding effectively under guidance. Learners practice predictable, routine rescue tasks while applying their knowledge of equipment and procedures. Scenario-based training enhances confidence, develops awareness of safe actions, and supports the correct performance of rescue duties.

Learning Outcome:	Assessment Criteria:
1. Respond effectively to simulated emergency scenarios involving SCBA rescue.	1.1 Demonstrate the immediate action required if the Low-Pressure Whistle sounds. 1.2 Demonstrate the "Entanglement Procedure" (stop, reverse, free, proceed). 1.3 Demonstrate how to assist a distressed partner (e.g., sharing air if trained system allows, or signalling for help).
2. Apply theoretical knowledge and practical skills to solve complex rescue challenges in realistic scenarios.	2.1 Follow instructions from the Team Leader during a simulated extraction. 2.2 Maintain discipline and formation while exiting a hazard zone. 2.3 Participate in a post-drill debrief by identifying one thing that went well and one improvement.
3. Practice rapid extraction techniques and casualty care under simulated emergency conditions.	3.1 Demonstrate the safe extraction of a rescue manikin to a designated safe zone using an approved technique (e.g., drag strap, webbing, or blanket drag). 3.2 Maintain manual stabilization and protection of the casualty's head and neck throughout the movement to prevent further injury. 3.3 Provide a concise verbal handover to medical personnel or the Incident Commander, stating key details (e.g., location found, responsiveness, and any obvious injuries).

HSE0014-06- Legislative and Regulatory Requirements

Learners are introduced to the key legal and regulatory standards relevant to SCBA rescue operations. The unit covers basic awareness of workplace safety legislation, industry regulations, and organizational procedures. Learners understand their responsibilities, the importance of compliance, and how following rules supports safe working practices. This knowledge underpins safe and lawful participation in rescue activities.

Learning Outcome:	Assessment Criteria:
1. Understand the legislative and regulatory framework governing SCBA rescue operations.	1.1 Identify the primary legislation governing workplace safety (e.g., Health and Safety at Work Act). 1.2 State the employee’s legal duty to take reasonable care of themselves and others. 1.3 Identify the specific regulation concerning Breathing Apparatus (e.g., Confined Space Regulations or local equivalent).
2. Ensure compliance with relevant standards, guidelines, and regulations applicable to SCBA rescue activities.	2.1 Complete a standard "Pre-Use Inspection Log" for an SCBA set. 2.2 Explain the importance of reporting damaged equipment immediately. 2.3 Identify where to access safety data sheets (SDS) or safety instructions in the workplace.
3. Maintain accurate documentation and records to demonstrate compliance with legislative and regulatory requirements.	3.1 Complete a standard Entry Control Board (ECB) tally (or equivalent entry log) with accurate details, including cylinder pressure and "Time In." 3.2 Complete a pre-use equipment inspection record, clearly indicating the operational status (Pass/Fail) of the SCBA set. 3.3 Complete a defect report form (or maintenance tag) to officially record a simulated equipment fault or damage.

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