



QualCert Level 1 Diploma in Quality Control (QC) Civil

Version 1.0 September 2024

QualCert Qualification number: QC090007

Qualification Specification

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About QualCert

QualCert is a globally recognized awarding body based in the United Kingdom, renowned for its commitment to excellence in Quality Assurance (QA) and Quality Control (QC) education and training. Specializing in delivering high-quality qualifications, QualCert addresses the evolving needs of international learners, professionals, and industries seeking expertise in QA and QC.

Dedicated to fostering innovative and flexible learning pathways, QualCert provides learners with the skills, knowledge, and practical competencies required to excel in dynamic quality-focused professional environments. The organization adheres to international qualification frameworks and standards, ensuring its certifications are globally recognized and highly applicable across diverse sectors.

The vision of QualCert is to establish itself as a global benchmark in quality education and skills development within Quality Assurance and Quality Control. Its mission is to equip individuals and organizations with internationally recognized qualifications that enhance employability, professional productivity, and career progression in QA/QC disciplines.

Course Overview

The **QualCert Level 1 Diploma in Quality Control (QC) Civil** is an introductory qualification carefully designed to equip learners with essential knowledge of basic quality control principles within the civil construction sector. Aligned with UK workplace expectations, construction safety practices, and regulatory compliance standards, this programme ensures learners develop a comprehensive understanding of safe, structured, and efficient working environments. It serves as a vital stepping stone for understanding how quality standards are upheld in civil engineering and construction projects, emphasizing the importance of following organisational procedures and safety regulations.

Aims

The primary aims of this diploma are to:

- **Build a strong foundation** in quality awareness and professional construction site practices.
- **Introduce fundamental QC concepts**, including basic inspection techniques, quality checking procedures, and construction materials awareness.
- **Instill a culture of safety and compliance** by highlighting the critical role of accuracy, attention to detail, and adherence to safety regulations.
- **Provide a clear progression pathway** for learners to advance into higher-level qualifications and skilled career opportunities within the sector.

Objectives

By completing this qualification, learners will achieve the following objectives:

- **Understand and Apply Basics:** Demonstrate a foundational understanding of basic inspection techniques and quality checking procedures used on civil sites.
- **Identify Materials:** Show an awareness of various construction materials and their role in maintaining project quality.
- **Implement Safety Principles:** Comprehend and apply core site safety principles, ensuring compliance with UK safety and regulatory standards.
- **Follow Procedures:** Successfully navigate and adhere to organisational procedures, understanding their impact on safe and efficient construction environments.
- **Support Operations:** Develop the essential skills required to confidently support entry-level roles within construction and civil engineering settings.

Targeted Audience

This qualification is highly suitable for:

- **Industry Newcomers:** Individuals who are new to the civil engineering and construction industry and wish to build a strong foundation in quality control.
- **Entry-Level Candidates:** Those aiming to enter the construction industry and seeking to meet UK expectations for safety, quality awareness, and professional workplace behaviour.
- **Career Starters:** Individuals looking to develop the essential skills needed to support entry-level roles on construction sites.
- **Progression Seekers:** Learners who want a structured and recognized pathway to advance into higher-level construction or quality control qualifications.

Qualification Framework

Qualification Title	QualCert Level 1 Diploma in Quality Control (QC) Civil
Qualification Duration	3 to 6 months
Grading Type	Pass / Fail
Competency Evaluation	Coursework / Assignments / Evidence Based

Assessment Processes

Stage	Details
Internal Assessment and Verification	• Conducted by staff at the Approved Training Centre (ATC) to ensure qualification standards are met. • Internal Quality Assurance (IQA) by designated centre staff to maintain assessment integrity.
External Quality Assurance	• Overseen by QualCert verifiers who periodically review assessment and IQA procedures. • Ensures adherence to standards and consistency across all ATCs.

Entry Requirements

Age: 16+

Education: basic secondary education

English Competency: Basic Understanding

Qualification Structure

The QualCert Level 1 Diploma in Quality Control (QC) Civil comprises 30 credits, with a Total Qualification Time (TQT) of 180 hours, including 120 Guided Learning Hours (GLH).

Mandatory Units				
Unit Ref No	Unit Name	Credits	GLH	TQT
QC090007-1	Introduction to Quality Control in Civil Construction	5	20	30
QC090007-2	Basic Construction Materials Awareness	5	20	30
QC090007-3	Site Safety and Basic Compliance Awareness	5	20	30
QC090007-4	Introduction to Inspection and Visual Checks	5	20	30
QC090007-5	Basic Tools and Equipment Handling	5	20	30
QC090007-6	Introduction to Workplace Procedures	5	20	30

Centre Requirements

Centres delivering the QualCert Level 1 Diploma in Quality Control (QC) Civil must uphold high standards to ensure quality learning, assessment integrity, and successful learner outcomes. Centres are required to provide qualified staff, appropriate facilities, and access to the necessary resources to deliver advanced pharmaceutical training. Meeting these requirements ensures learners receive a professional, engaging, and internationally recognised educational experience.

Qualified and Competent Teaching Staff

- Employ instructors with advanced qualifications and professional experience in pharmaceutical technology, quality assurance, or related fields
- Ensure staff maintain up-to-date knowledge of manufacturing practices, regulatory standards, and quality systems
- Provide ongoing professional development and training to teaching staff to maintain excellence in delivery

Adequate Learning Facilities and Resources

- Provide modern classrooms, laboratories, or online learning platforms to support interactive and practical learning
- Ensure access to up-to-date pharmaceutical reference materials, case studies, and digital tools
- Maintain safe and inclusive environments suitable for laboratory work, research, and practical exercises

Robust Assessment and Quality Assurance Systems

- Implement clear and consistent assessment policies aligned with qualification standards
- Maintain internal quality assurance processes to monitor teaching, assessment, and learner performance
- Regularly review assessment methods to ensure relevance and alignment with industry best practices

Comprehensive Learner Support

- Provide academic guidance, technical assistance, and pastoral care to support learner success
- Ensure accessibility for learners with disabilities or specific learning needs through reasonable adjustments

- Maintain effective communication channels for feedback, queries, and learner support

Compliance with Regulatory, Health, and Safety Standards

- Adhere to legal, ethical, and health and safety regulations in all teaching and practical activities
- Keep accurate learner records, attendance, and assessment documentation
- Follow data protection and confidentiality protocols to safeguard learner information

Support for Candidate

Supporting Materials for Candidates

- Enable tracking of learners' progress toward achieving specified learning outcomes and assessment criteria.
- Provide clear guidance on accessing QualCert policies and procedures.
- Establish robust mechanisms for Internal and External Quality Assurance personnel to verify and authenticate evidence efficiently.

Assessments Requirements

This qualification consists of 6 mandatory assignments designed to assess the learner's understanding and practical application of the required skills and knowledge. The key elements of the assessment framework include:

- **Comprehensive Assignment Structure:**
The assignments are designed to cover a range of topics within the qualification, ensuring that learners demonstrate their competence across all essential areas.
- **Pass Requirement:**
Learners must successfully complete all 6 assignments to meet the requirements for certification. Each assignment must meet the specified criteria and demonstrate sufficient understanding and application of the subject matter.
- **Assessment Process:**
Each assignment is reviewed and marked by a qualified assessor, with feedback provided to support learner development.
- **Final Completion Criteria:**
The successful completion of all assignments is necessary for certification. Only

learners who meet the required standards across all assignments will be awarded the qualification.

Quality Assurance & Verification:

QualCert applies a rigorous, multi-layered quality assurance system to ensure the reliability, consistency, and integrity of all assessments and results.

1. Internal Quality Assurance (IQA)

Conducted by the approved training centre:

- **Assignment Evaluation:**
Centre-approved Assessors and Internal Quality Assurers (IQAs) review the assignments to ensure they meet the assessment criteria and learning outcomes.
- **Standardisation:**
Regular standardisation sessions are held to maintain consistency in assessment and marking practices across all centre staff.
- **Feedback & Support:**
IQAs ensure that learners receive constructive feedback to aid their progress and improve future submissions.

2. External Quality Assurance (EQA)

Conducted by QualCert:

- **Independent Verification:**
QualCert's External Quality Assurers (EQAs) verify the completed assignments and assess the quality and fairness of the marking process.
- **Centre Audits:**
EQAs audit the centre's compliance with QualCert's quality assurance standards, reviewing assessment practices, learner records, and overall delivery.
- **Final Certification:**
After satisfying the EQA's verification process, QualCert will officially issue the certification to the learner.

Units – Learning Outcomes & Assessment Criteria

Unit 01 – Introduction to Quality Control in Civil Construction

Learning outcome

The learner will:

Assessment criterion

The learner can:

01. Understand the basic facts and ideas of quality control (QC) within a civil construction environment.

1.1 Define what "quality control" means in a simple construction setting.
1.2 State why it is important to do a task correctly the first time on a civil site.
1.3 Point out one example of a high-quality result versus a poor-quality result in a basic site task.
1.4 List two benefits of maintaining good quality during a construction project.

02. Identify the routine procedures used to maintain quality standards in the UK construction sector.

2.1 State the routine steps used to check a basic task, such as verifying a simple measurement.
2.2 Demonstrate how to follow a simple, pre-set checklist for a daily site activity.
2.3 Identify where to find basic written instructions or signs for a specific work task.
2.4 Show how to record the result of a routine quality check using a provided format.

03. Show awareness of relevant information regarding quality compliance and regulatory standards.

3.1 Identify a common UK quality mark or label found on construction materials or sites.
3.2 State why site rules must be followed to meet UK industry quality standards.
3.3 Locate and read a basic quality instruction from a provided site manual or poster.

	3.4 Name one UK organization or body that helps set basic standards for construction work.
04. Recognise how following quality procedures contributes to a safe and structured workplace.	4.1 Explain how keeping a work area tidy makes it easier to check the quality of work. 4.2 Demonstrate the safe and organized disposal of waste materials to keep the site compliant. 4.3 State how missing a quality check could lead to a safety risk on a construction site. 4.4 Follow a standard procedure to return tools to their correct place after a task is finished.
05. Identify the basic roles and responsibilities of personnel involved in the QC process under guidance.	5.1 Identify the specific person on site who is responsible for giving daily work instructions. 5.2 Demonstrate how to report a simple quality mistake or problem to a supervisor. 5.3 State the learner's own role in making sure their assigned task meets site standards. 5.4 Ask a supervisor for help or guidance when a quality instruction is not clearly understood.

Unit 02 – Basic Construction Materials Awareness

Learning outcome

The learner will:

Assessment criterion

The learner can:

01 Identify fundamental construction materials used in routine civil engineering projects.	1.1 Name four common materials used in civil construction. 1.2 Match specific materials to their common uses on a construction site. 1.3 Point out different types of aggregates by looking at physical samples. 1.4 State the primary purpose of steel reinforcement in a concrete structure.
02 Understand the basic quality expectations for common materials like concrete, steel, and aggregates.	2.1 State the visual signs of fresh, good-quality concrete. 2.2 Identify the correct appearance of clean and usable sand or gravel. 2.3 State why steel should be free from heavy rust before it is used. 2.4 Check that a material batch matches the simple description provided in instructions.
03 Use basic information to verify that materials are approved for use on a UK construction site.	3.1 Identify a UK standard mark or quality label on a product package. 3.2 Check a delivery note to ensure the correct material has arrived. 3.3 State why it is important to check the "use-by" date on bags of cement. 3.4 Use a provided list to confirm if a material is approved for the current task.
04 Show awareness of how materials should be safely stored to maintain their quality and integrity.	4.1 Identify the correct way to store cement bags to keep them dry and usable. 4.2 Demonstrate how to cover materials to protect them from rain or dust.

	4.3 State why different types of aggregates should be stored in separate piles. 4.4 Show how to stack timber or bricks safely to prevent them from breaking.
05 Identify simple problems or defects in materials that may affect the outcome of a task.	5.1 Point out a material that has become wet or damaged by bad weather. 5.2 Identify common defects in timber, such as large cracks or signs of rot. 5.3 State what to do if a material looks different from the approved sample. 5.4 Report a material defect to a supervisor using simple verbal or written communication

Unit 03 – Site Safety and Basic Compliance Awareness

Learning outcome

The learner will:

Assessment criterion

The learner can:

01 Know the basic facts regarding UK health and safety regulations relevant to construction sites.	1.1 Name the main health and safety law used in the UK. 1.2 State the worker's duty to take care of their own health and safety. 1.3 Identify the employer's duty to provide a safe place to work. 1.4 List two common hazards found on a civil construction site.
02 Identify routine safety procedures and the correct use of Personal Protective Equipment (PPE).	2.1 Name four common items of PPE used on a civil site. 2.2 Demonstrate how to wear a hard hat and high-visibility vest correctly. 2.3 State the correct routine for checking if PPE is damaged before use. 2.4 Identify the specific PPE needed for a routine task, such as using a hand tool.
03 Select and use relevant safety information to complete well-defined tasks without risk.	3.1 Point out the meaning of different safety sign colours, such as red for "must not do" and yellow for "warning." 3.2 Find and read a safety warning label on a material container. 3.3 Follow a simple set of safety instructions provided for a routine site task. 3.4 Identify the location of the site's first aid kit or the name of the first aider.
04 Show awareness of the legal compliance requirements for a safe construction environment.	4.1 State why it is a legal requirement to report every accident on site. 4.2 Identify the location of the site accident book or report form. 4.3 State why workers must follow a "permit to work" for specific dangerous tasks. 4.4 List one consequence of not following legal safety rules while at work.

05 Identify whether safety actions taken during a routine task have been effective.	5.1 Check that a guard or safety barrier is correctly in place before starting work. 5.2 Confirm that a work area is clear of trip hazards after a task is finished. 5.3 Show that tools have been safely put away or disconnected after use. 5.4 Identify if a safety sign is placed where other people can clearly see it.
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Unit 04 – Introduction to Inspection and Visual Checks

Learning outcome

The learner will:

Assessment criterion

The learner can:

01 Use basic cognitive and practical skills to perform routine visual inspections on site.	1.1 List the basic tools needed to perform a simple visual check, such as a torch or a tape measure. 1.2 State the correct order of steps to take when looking over a small work area. 1.3 Carry out a visual inspection of a finished task as directed by a supervisor. 1.4 Demonstrate how to walk and stand safely while checking work in a busy construction area.
02 Select relevant information to identify common defects in civil engineering works.	2.1 Point out a common visual defect in a completed task, such as a crack or an uneven edge. 2.2 Identify when a measurement on site is different from the simple number provided in instructions. 2.3 Use a provided picture or sample of "good work" to find a mistake in a real task. 2.4 State two reasons why a small defect needs to be identified early in the project.
03 Follow well-defined procedures to document the results of a basic visual check.	3.1 Fill in a simple "Pass" or "Fail" checklist for a routine site inspection. 3.2 Record the location and the date of a visual check on a standard site form. 3.3 Write a simple one-sentence note describing a defect found during a check. 3.4 State the name of the person who must receive the completed inspection paperwork.
04 Identify whether a completed task meets the basic quality expectations provided in instructions.	4.1 Compare a piece of finished work against a job card to see if it is complete. 4.2 State if a finished task looks neat and matches the simple quality rules of the site.

	4.3 Identify if the correct materials were used for the task being checked. 4.4 Demonstrate how to use a spirit level to check if a simple surface is straight.
05 Address simple problems found during inspection by following supervisor direction.	5.1 Demonstrate how to clearly tell a supervisor when a defect has been found. 5.2 Follow a simple verbal instruction to help fix a minor quality issue. 5.3 State why it is important to report a mistake instead of trying to hide it. 5.4 Check the work area again once a simple correction has been completed.

Unit 05 – Basic Tools and Equipment Handling

Learning outcome

The learner will:

Assessment criterion

The learner can:

01 Know the basic procedures for the safe handling and usage of common construction tools.	1.1 State the safe way to lift and carry manual tools to avoid injury. 1.2 Identify the basic safety features of a common hand tool, such as a handle grip or a guard. 1.3 Describe the importance of using tools only for their intended purpose. 1.4 List the routine steps to follow when passing a tool safely to another person.
02 Use practical skills to operate basic manual tools safely in a routine environment.	2.1 Demonstrate the correct and safe use of a tape measure to check a length. 2.2 Use a spirit level to check if a simple surface is level or upright. 2.3 Show how to hold and use a manual hand tool, such as a shovel or a hand brush, correctly. 2.4 Maintain a stable and safe body position while using a tool for a routine site task.
03 Show awareness of the UK workplace safety rules regarding equipment maintenance and storage.	3.1 State the UK site rule for keeping tools clean after a day of work. 3.2 Identify the correct storage area or locker where tools must be kept when not in use. 3.3 Demonstrate how to wipe down or clean a tool according to site instructions. 3.4 State why it is important to store tools in a dry and secure place.
04 Select the correct tool for a well-defined, routine task based on instructions.	4.1 Identify the right tool to use for a simple task, such as marking a line or digging a small hole. 4.2 Choose the correct measuring tool for a task based on the level of accuracy needed. 4.3 State why using the wrong tool for a job can cause a quality or safety problem.

	4.4 Select the correct PPE to wear when using a specific manual tool.
05 Take responsibility for checking that tools are in a safe and workable condition before use.	5.1 Carry out a visual check for common signs of tool damage, such as a loose handle or a blunt edge. 5.2 Demonstrate how to check that a tool is clean and ready for a new task. 5.3 Point out a tool that is not safe to use and explain why. 5.4 Show how to report a broken or faulty tool to a supervisor immediately.

Unit 06 – Introduction to Workplace Procedures

Learning outcome

The learner will:

Assessment criterion

The learner can:

01 Understand the basic facts of standard site procedures and organized working practices.	1.1 State the routine for entering and leaving a construction site safely. 1.2 Identify the importance of attending a daily site briefing or "toolbox talk." 1.3 List two reasons why a workplace must be kept organized and free of clutter. 1.4 Name the common documents used to track daily work, such as a sign-in sheet.
02 Follow well-defined routine tasks according to organisational guidelines and site rules.	2.1 Carry out a simple task by following a set of step-by-step written instructions. 2.2 Demonstrate how to follow site rules regarding designated break areas and smoking zones. 2.3 Show how to use a site map to find important locations like the first aid station or toilets. 2.4 Follow the correct procedure for handling and moving site materials as directed.
03 Use basic communication skills to relay information regarding task completion.	3.1 Demonstrate how to tell a supervisor clearly when a specific task has been finished. 3.2 Use simple words to describe a problem that is preventing a task from being completed. 3.3 Show how to listen to and repeat back a simple instruction to check for understanding. 3.4 Complete a basic work log or diary to show what was done during the day.
04 Show awareness of how individual actions affect the overall compliance of the site.	4.1 State how leaving a gate open or a tool out could break site security or safety rules. 4.2 Identify one way that working carefully helps the whole team meet quality standards.

	4.3 Demonstrate the correct way to sort waste into different bins to follow environmental rules. 4.4 State why it is important for everyone to follow the same site procedures.
05 Take responsibility for completing assigned procedures subject to direction and guidance.	5.1 Show that a work area has been cleaned and tidied at the end of a shift. 5.2 Demonstrate how to ask a supervisor for the next task once a job is finished. 5.3 Identify when it is necessary to stop work and ask for help to avoid making a mistake. 5.4 Carry out a final check of your own work against the instructions given by a supervisor.



QualCert, the leading UK-based awarding body dedicated to providing a diverse range of technical and professional qualifications in the fields of occupational health and safety, quality control/quality assurance, civil/electrical/mechanical technology, ISO standards (Lead Auditors), and management courses.

At QualCert, we are committed to empowering individuals and organizations with the knowledge and skills necessary to excel in their respective industries. Whether you're looking to enhance your expertise in health and safety practices, quality management systems, or engineering technologies, our comprehensive suite of certifications caters to a wide spectrum of career paths and professional development goals.

QualCert

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