

TRAINING TITLE

CONSTRUCTION QUALITY CONTROL AND SITE INSPECTION

Training Duration

5 day

Training Venue and Dates

Ref. No. CE052	Construction Quality Control and Site Inspection	5	16-20 June 2025	\$5,500	DUBAI, UAE
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In any of the 4 or 5-star hotels. The exact venue will be informed later.

Training Fees

- \$5,500 per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Lunch

Training Certificate

Define Management Consultants Certificate of course completion will be issued to all attendees.

TRAINING DESCRIPTION

This course focuses on the principles and practices of quality control (QC) and site inspection in construction projects. Participants will learn how to assess the quality of construction work, ensure compliance with specifications, and manage inspection processes effectively to maintain safety, quality, and project timelines.

TRAINING OBJECTIVES

By the end of the course, participants will be able to understand

- Understand the importance of quality control in construction.
- Learn about construction standards, codes, and inspection processes.
- Develop skills for performing site inspections and identifying potential quality issues.
- Gain knowledge in documenting, reporting, and resolving quality concerns.
- Learn about the tools and techniques for quality assurance in construction projects.

WHO SHOULD ATTEND?

- Construction project managers and supervisors.
- Quality control inspectors and construction engineers.
- Site engineers, contractors, and subcontractors.

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- Anyone interested in enhancing their skills in construction quality control and inspection.

TRAINING METHODOLOGY

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions and motivating everybody to find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

Very useful Course Materials will be given.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work & Practical Exercises
- 20% Videos & General Discussions

COURSE PROGRAM

Day 1: Introduction to Construction Quality Control

- Overview of quality control and its importance in construction
- Quality standards, codes, and regulations
- Key concepts: Specifications, drawings, and contract requirements
- The role of quality control in project success

Day 2: Site Inspection Basics

- Types of inspections in construction projects
- Inspection processes and documentation
- Tools and techniques used for site inspections
- Safety considerations during inspections

Day 3: Managing Construction Quality

- Developing a quality control plan
- Material and workmanship quality checks
- Testing procedures for construction materials and components
- Managing non-conformance and corrective actions

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Day 4: Advanced Site Inspection Techniques

- Inspecting foundations, structures, and utilities
- Site inspections for HVAC, electrical, and plumbing systems
- Ensuring compliance with building codes and safety regulations
- Use of technology in site inspection (drones, digital tools)

Day 5: Reporting, Documentation, and Problem Resolution

- Creating inspection reports and checklists
- Managing inspection findings and non-conformities
- Communicating quality issues and solutions to stakeholders

NOTE:

Pre-& Post Tests will be conducted.

Case Studies, Group Exercises, Group Discussions, Last Day reviews, and assessments will be carried out.

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