



*Training Course:  
Construction Quality Management (CQM)*

*22 - 26 February 2027  
Cape Town (South Africa)  
DoubleTree by Hilton Cape Town - Upper Eastside*

## Training Course: Construction Quality Management (CQM)

Training Course code: MA234594 From: 22 - 26 February 2027 Venue: Cape Town (South Africa) - DoubleTree by Hilton Cape Town - Upper Eastside Training Course Fees: 6350 € Euro

### Introduction

Construction projects demand rigorous quality management to ensure compliance with specifications, safety standards, and client expectations. This program, developed by [Global Horizon Training Center](#), provides a comprehensive framework for managing quality throughout the construction lifecycle—from planning and design to execution and project closeout.

Participants will gain practical knowledge of quality control and assurance processes, inspection techniques, documentation, and continuous improvement practices. The course also emphasizes the integration of quality management with project management, risk control, and regulatory compliance to deliver successful, defect-free construction projects.

### Course Objectives

By the end of this program, participants will be able to:

- Understand the principles and importance of Construction Quality Management
- Differentiate between Quality Assurance QA and Quality Control QC
- Develop and implement Quality Management Plans QMP
- Apply inspection and testing procedures in construction projects
- Ensure compliance with codes, standards, and specifications
- Identify and manage quality risks and non-conformities
- Utilize documentation and reporting systems for quality tracking
- Integrate quality management with project execution and control
- Implement continuous improvement practices in construction projects

### Target Audience

This program is designed for:

- Construction Project Managers and Engineers
- Quality Assurance and Quality Control QA/QC Engineers
- Site Engineers and Supervisors

- Contractors and Subcontractors
- Consultants and Project Owners' Representatives
- HSE and Compliance Professionals in construction
- Professionals involved in construction project delivery and inspection

## Outline

### Day 1: Foundations of Construction Quality Management

- Introduction to Construction Quality Management CQM
- Quality Concepts and Principles in Construction
- Quality Assurance QA vs. Quality Control QC
- Roles and Responsibilities in Quality Management
- Standards and Codes ISO, ASTM, Local Regulations
- Developing a Quality Management Plan QMP

### Day 2: Quality Planning and Documentation

- Quality Planning Processes in Construction Projects
- Inspection and Test Plans ITPs
- Method Statements and Work Procedures
- Document Control and Record Management
- Material Quality Control and Approval Processes
- Supplier and Subcontractor Quality Management

### Day 3: Inspection, Testing, and Compliance

- Inspection Techniques and Procedures
- Testing Methods for Construction Materials and Works
- Site Quality Control Practices
- Non-Conformance Reports NCR and Corrective Actions
- Quality Audits and Compliance Monitoring
- Ensuring Regulatory and Contractual Compliance

### Day 4: Quality Control in Project Execution

- Integrating Quality with Project Management
- Monitoring and Controlling Quality Performance
- Risk Management in Construction Quality
- Managing Defects and Rework
- Communication and Coordination for Quality Assurance
- Case Studies: Quality Failures and Lessons Learned

### Day 5: Continuous Improvement and Best Practices

- Quality Performance Measurement KPIs
- Root Cause Analysis and Problem Solving
- Continuous Improvement Techniques Lean, Six Sigma Basics
- Lessons Learned and Knowledge Management

- Digital Tools and Technology in Quality Management
- Final Case Study and Practical Applications

## Registration form on the Training Course: Construction Quality Management (CQM)

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Company Information

Company Name: .....  
Address: .....  
City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
- ☐ Please invoice me
- ☐ Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
booking form with cheque  
to: Global Horizon  
3 Oudai street, Aldouki,  
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