

# Construction Quality Control on Site: Ensuring Excellence

Health & Safety  
Cairo (Egypt)  
03 - 07 Aug 2025

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## Construction Quality Control on Site: Ensuring Excellence

**Ref:** 321513\_130689 **Date:** 03 - 07 Aug 2025 **Location:** Cairo (Egypt) **Fees:** 3300 **Euro**

### Course Description

This comprehensive 5-day course equips construction professionals with the knowledge and skills needed to implement effective quality control measures on construction sites. Participants will learn industry best practices for planning, executing, and monitoring quality control processes, ensuring project excellence and client satisfaction.

### Learning Objectives

- Develop and implement site-specific quality control plans
- Master inspection techniques and documentation procedures
- Understand quality management systems and their application
- Learn to identify and resolve quality issues efficiently
- Gain skills in communicating quality requirements to project teams

### Course Modules

#### Day 1: Fundamentals of Construction Quality Control

- Introduction to quality control concepts
- Regulatory requirements and industry standards
- Quality control planning and documentation
- Roles and responsibilities in quality management

#### Day 2: Quality Control Techniques and Tools

- Inspection methods and checklists
- Non-destructive testing techniques
- Quality control software and technology
- Data collection and analysis for quality improvement

#### Day 3: On-Site Quality Control Implementation

- Material quality control and testing
- Workmanship standards and assessment
- Managing subcontractor quality
- Environmental factors affecting quality

#### Day 4: Quality Control in Specific Construction Areas

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- Structural work quality control
- MEP systems quality assurance
- Finishing works quality management
- Site safety and its impact on quality

## **Day 5: Continuous Improvement and Problem Solving**

- Root cause analysis techniques
- Corrective and preventive actions
- Quality audits and performance metrics
- Lessons learned and best practices sharing

## **Practical Wins for Participants**

- Ability to create and implement effective quality control plans
- Enhanced skills in identifying and resolving quality issues
- Improved communication of quality requirements to project teams
- Increased efficiency in quality control processes and documentation

A graphic of a chessboard with several chess pieces (a king, a queen, and a pawn) in gold and silver, set against a background of concentric circles.

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