MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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CONSTRUCTION QUALITY CONTROL ON SITE TRAINING

"Ensure Project Excellence by Applying Quality Control Practices Directly at Construction Sites"

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

Introduction

Quality control on construction sites is critical to ensure safety, compliance, and long-term durability of structures. The Construction Quality Control On-Site Training provides participants with practical knowledge and hands-on experience in monitoring construction activities, inspecting materials, and implementing quality assurance measures directly on-site.

This program covers real-time inspection techniques, material testing, identification of defects, adherence to design and regulatory standards, documentation, and corrective actions. Participants will gain skills to enforce quality standards during construction, minimize errors, and ensure project deliverables meet specifications and safety requirements.

Objectives

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

- Understand the principles and importance of on-site quality control.
- Conduct inspections of structural, architectural, and MEP works.
- Test and verify construction materials for compliance with standards.
- Identify defects, deviations, and non-compliance issues in real-time.
- Implement corrective and preventive actions on-site.
- Document inspections, testing results, and corrective measures accurately.
- Apply international and local construction standards and codes.
- Coordinate with project teams to maintain consistent quality throughout the construction process.

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Why Attend

On-site quality control is essential to prevent costly errors, ensure structural safety, and achieve client satisfaction. This training equips engineers, supervisors, and quality officers with practical skills to enforce quality standards effectively on construction sites. Participants will learn hands-on inspection techniques, defect detection methods, and real-world strategies to improve construction outcomes.

Target Audience

This course is suitable for:

- Civil, Structural, and Construction Engineers
- QA/QC Officers and Inspectors
- Site Supervisors and Foremen
- Project Managers and Construction Managers
- Architects and Design Professionals
- HSE (Health, Safety & Environment) Officers
- Contractors and Technical Staff involved in site work

Individual Benefits

- Gain hands-on experience in on-site quality control practices.
- Learn to identify defects and ensure compliance with specifications.
- Enhance skills in material testing and inspection techniques.
- Improve decision-making and problem-solving capabilities in real-time situations.
- Increase professional competence and career growth opportunities.
- Gain confidence in maintaining quality standards throughout construction projects.

Organizational Benefits

- Reduce errors, rework, and construction delays.
- Ensure compliance with project specifications, codes, and safety standards.
- Enhance overall project quality, durability, and safety.
- Improve communication and coordination between site teams and project management.
- Build in-house expertise for effective on-site quality control.
- Increase client satisfaction through consistent project quality and reliability.

Instructional Methodology

The training uses a practical, hands-on, and interactive approach:

- Live demonstrations of inspection techniques on-site
- Hands-on exercises in material testing and defect identification
- Case studies of real construction projects
- Step-by-step tutorials for QA/QC documentation and reporting
- Group discussions and collaborative problem-solving workshops
- Continuous feedback and Q&A sessions to reinforce learning

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Course Outline

Module 1: Introduction to On-Site Quality Control – Principles and Importance

Module 2: Roles and Responsibilities of QC Officers on Construction Sites

Module 3: Inspection Techniques for Structural and Architectural Works

Module 4: Material Testing and Verification on Site

Module 5: Identifying Defects, Deviations, and Non-Compliance

Module 6: Implementing Corrective and Preventive Measures

Module 7: Documentation, Reporting, and Auditing Procedures

Module 8: Compliance with International and Local Standards

Module 9: Case Studies – On-Site Quality Challenges and Solutions

Module 10: Capstone Project – Conducting a Full On-Site QC Assessment

Certification

Upon successful completion, participants will receive a Certificate in Construction Quality Control On-Site, validating their ability to inspect, monitor, and enforce quality standards directly at construction sites, ensuring safety, compliance, and project excellence.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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