MAWA EVENTS

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

Phone: +601116373203 | **Email:** info@mawaevents.net

CONSTRUCTION QUALITY CONTROL AND QUALITY ASSURANCE TRAINING

"Ensure Excellence in Construction Projects Through Effective Quality Control and Assurance Practices."

Schedule

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

► **Available delivery methods:** In-House Training

Introduction

Maintaining high-quality standards is critical in construction projects to ensure safety, durability, and client satisfaction. The Construction Quality Control and Quality Assurance Training equips participants with the knowledge and skills to implement systematic quality management practices throughout a construction project.

This course covers the principles of quality control (QC) and quality assurance (QA), inspection techniques, material testing, documentation, compliance with codes and standards, and corrective action procedures. Participants will gain practical insights into establishing quality systems, monitoring construction activities, and mitigating defects while ensuring regulatory and contractual compliance.

Objectives

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

- Understand the fundamentals of quality control and quality assurance in construction.
- Develop and implement QC/QA plans for construction projects.
- Conduct inspections and tests on construction materials and workmanship.
- Identify construction defects and implement corrective measures.
- Apply international and local construction codes, standards, and best practices.
- Ensure proper documentation, reporting, and compliance tracking.
- Integrate quality management into project planning and execution.
- Use modern tools and techniques for monitoring and auditing construction quality.

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Why Attend

Construction quality management ensures project safety, performance, and long-term durability. This training provides participants with the skills to implement effective QC/QA procedures, reduce defects, and enhance construction standards. Engineers, project managers, supervisors, and quality control professionals will gain practical knowledge and hands-on techniques for maintaining high-quality construction outcomes.

Target Audience

This course is suitable for:

- Civil, Structural, and Construction Engineers
- Quality Control and Quality Assurance Officers
- Project Managers and Site Supervisors
- Architects and Planning Professionals
- HSE (Health, Safety & Environment) Officers
- Contractors and Technical Supervisors
- Professionals involved in construction, inspection, and compliance

Individual Benefits

- Acquire practical skills in quality management and inspection procedures.
- Learn to identify, analyze, and correct construction defects.
- Enhance knowledge of material testing and compliance standards.
- Improve problem-solving, decision-making, and project oversight capabilities.
- Increase professional credibility and career opportunities.
- Gain confidence in implementing systematic QA/QC practices on-site.

Organizational Benefits

- Improve construction quality and reduce rework or defects.
- Ensure compliance with regulatory, safety, and contractual standards.
- Optimize project performance, minimize delays, and control costs.
- Strengthen project monitoring and reporting processes.
- Build in-house expertise for quality assurance and inspection teams.
- Enhance client satisfaction and reputation for delivering high-quality projects.

Instructional Methodology

The training uses a practical, interactive approach:

- Case studies of real construction projects and quality challenges
- Hands-on exercises in material testing and inspection techniques
- Step-by-step tutorials on QA/QC planning and implementation
- Group discussions and collaborative problem-solving exercises
- Assignments focused on quality monitoring and corrective action procedures
- Continuous feedback and Q&A sessions to reinforce learning

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Course Outline

Module 1: Introduction to Construction Quality Management – Principles and Importance

Module 2: Quality Control vs. Quality Assurance – Roles and Responsibilities

Module 3: Developing and Implementing QA/QC Plans

Module 4: Material Testing and Inspection Techniques

Module 5: Identifying and Rectifying Construction Defects

Module 6: Compliance with International and Local Standards

Module 7: Documentation, Reporting, and Auditing Procedures

Module 8: Risk Management and Corrective Actions

Module 9: Case Studies – Quality Challenges and Solutions in Construction

Module 10: Capstone Project – Implementing a Comprehensive QC/QA Plan for a Construction Project

Certification

Upon successful completion, participants will receive a Certificate in Construction Quality Control and Quality Assurance, validating their expertise in implementing QA/QC practices, monitoring construction quality, and ensuring compliance with safety and performance standards.

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**