



Quality Assurance & Quality Control for Engineers Training Course

14 - 18 Sep 2026
Abu Dhabi



Quality Assurance & Quality Control for Engineers Training Course

Ref.: 36219_75748 **Date:** 14 - 18 Sep 2026 **Location:** Abu Dhabi **Fees:** 4500 **Euro**

Quality Assurance & Quality Control for Engineers Training Course Overview:

This course is designed to equip engineers with in-depth knowledge of quality assurance and quality control processes specific to construction and engineering projects. The curriculum focuses on the practical aspects of implementing quality protocols during various stages of project development, from design to construction, ensuring compliance and excellence in delivery.

Target Audience:

- Engineers
- Project Managers
- Quality Control Personnel
- Construction Managers

Targeted Organizational Departments:

- Engineering
- Quality Assurance
- Quality Control
- Construction Management

Targeted Industries:

- Construction
- Infrastructure Development
- Civil Engineering

Course Offerings:

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

- Understand the quality improvement process.
- Implement a quality improvement plan.
- Use data quality tools and quality control tools.
- Develop and manage quality improvement initiatives.
- Apply continuous quality improvement principles.



Training Methodology:

Case studies
Group work
Interactive sessions
Feedback sessions

Course Toolbox:

- Fundamentals of Quality Control and Improvement Solution Manual
- Set of quality assurance tools
- Quality management system training modules
- Toolkit of quality control tools

Course Agenda:

Day 1: Introduction to Quality Assurance and Control

- **Topic 1:** Overview of Quality Management Systems for Engineers
- **Topic 2:** Importance of Quality Assurance in Engineering Projects
- **Topic 3:** Quality Assurance Tools for Construction
- **Topic 4:** Quality Reporting for Engineering Projects
- **Reflection & Review:** Review of day's topics and group discussion on the application of learned quality control techniques.

Day 2: Implementing Quality Control in Projects

- **Topic 1:** Construction Quality Control Techniques
- **Topic 2:** Engineering Quality Improvement
- **Topic 3:** Quality Tools for Construction Managers
- **Topic 4:** Design Quality Control in Engineering
- **Reflection & Review:** Case study analysis and feedback on quality improvement implementation strategies.

Day 3: Advanced Quality Assurance Strategies

- **Topic 1:** Infrastructure Development Quality Assurance
- **Topic 2:** Advanced Quality Control Techniques
- **Topic 3:** Civil Engineering Quality Control Techniques
- **Topic 4:** Quality Assurance Responsibilities in Construction
- **Topic 5:** Construction Material Testing Procedures
- **Reflection & Review:** Interactive session on integrating quality assurance into daily engineering practices.



Day 4: Quality Management in Practice

- **Topic 1:** Rework Procedures in Construction Management
- **Topic 2:** Quality Improvement Process for Engineers
- **Topic 3:** Quality Management Systems for Engineers
- **Topic 4:** Overview Construction Quality Control
- **Topic 5:** The Role Of Quality Assurance Engineer
- **Reflection & Review:** Group workshop on problem-solving using quality management tools.

Day 5: Rework and Reporting

- **Topic 1:** Complete Rework Items Procedures
- **Topic 2:** Strategic Application of Quality Control in Construction Projects
- **Topic 3:** Finalizing Quality Improvement Initiatives
- **Topic 4:** Effective Reporting Techniques
- **Reflection & Review:** Final review session and feedback, preparation for course certification.

How This Course is Different from Other Quality Assurance & Quality Control Courses:

How This Course Stands Out:

This specialized training for engineers emphasizes practical application of quality assurance and control techniques tailored to engineering projects, focusing on construction and infrastructure. It combines theoretical knowledge with hands-on tools, enhancing participants' ability to implement and manage quality systems effectively.

This agenda provides a structured and detailed framework, ensuring a comprehensive approach to quality control in engineering, equipping participants to handle the complexities of quality management in their professional roles.

Training Course Categories



Agile PM and Project Management Training Courses



Certified Courses By International Bodies



Communication & Public Relations Training Courses

Communication and Public Relations Training Courses



Data Analytics Training and Data Science Courses



Environment & Sustainability Training Courses



Finance and Accounting Training Courses



Governance, Risk and Compliance Training Courses



HR TRAINING & DEVELOPMENT

Human Resources Training and Development Courses



IT Security Training & IT Training Courses



Leadership and Management Training Courses



PROCUREMENT LEGAL TRAINING CONTRACTING COURSES

Legal Training, Procurement and Contracting Courses



Maintenance Training and Engineering Training Courses

Training Course Categories



Marketing, Customer Relations, and Sales Courses



Occupational Health, Safety and Security Training Courses



Personal & Self-Development Training Courses



Quality and Operations Management Training Courses



Secretarial and Administration Training Courses



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Abu Dhabi - UAE



Accra - Ghana



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Amsterdam - Netherlands



Athens - Greece



Baku - Azerbaijan



Bali - Indonesia



Bangkok - Thailand



Barcelona - Spain



Berlin - Germany



Cairo - Egypt



Cape town - South Africa



Casablanca - Morocco



Chicago - USA



Doha - Qatar



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**Zoom - Online
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