Quality Assurance & Quality Control for Engineers Training Course

10 - 14 Nov 2025
Cairo

Quality Assurance & Quality Control for Engineers Training Course

Ref.: 36219_255635 **Date:** 10 - 14 Nov 2025 **Location:** Cairo **Fees:** 3300 **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.

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.

AGILE LEADERS
Training Center

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Gamified and
Interactive Training

We understand that training delivery can be challenging, both online and offline. To ensure engagement and achieve learning objectives, we have developed our own activities and collaborated with industry-leading solutions to gamify our training sessions. This approach increases interaction levels and guarantees effective learning outcomes.

Our Training
Cate gories

We cover a wide range of training categories to cater to different needs and interests

Branding, Marketing, Customer Relations, & Sales Programs
Finance and Accounting Programs
Human Resources Management Programs
Management & Leadership Programs

Political & Public Relations Programs
Project Management Programs
Quality & Process Management
Self-Development Programs

Join Agile Leaders today and embark on a transformative journey towards becoming a more agile and effective leader. Experience our customer-centric approach, actionable training, and guaranteed return on investment. Let us help you unleash your full potential in the dynamic business landscape.

Where to
Find Us

You can join our training programs at our centers located in

We also offer online training sessions through the Zoom platform.

Malaysia	Morocco	Spain	France	UK	Italy	Egypt	Turkey	Georgia	Azerbaijan	UAE
Kuala Lumpur	Casablanca	Barcelona	Paris	London	Rome	Cairo Sharm El-Sheikh	Istanbul	Tbilisi	Baku	Dubai

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