Quality Assurance and Quality Control Training Course: The Road to Improvement

04 - 08 Oct 2026
Cape town

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Ref.: 36075_6131 **Date:** 04 - 08 Oct 2026 **Location:** Cape town **Fees:** 6000 **Euro**

Overview:

The "Quality Improvement Fundamentals Training Course" is a comprehensive program that illuminates the quality improvement process, its methodology, and the benefits it brings to any organization. Through continuous quality improvement and high-quality tools such as data quality tools, quality management tools, and quality assurance tools, participants will discover how to design and implement powerful quality improvement initiatives. The curriculum is underpinned by the fundamentals of quality control and improvement solution manual, ensuring that learners grasp both the theoretical aspects and practical application of quality improvement.

Target Audience:

- Quality Control Specialists
- Quality Assurance Analysts
- Quality Improvement Coordinators
- Managers
- Executives

These roles will gain invaluable insights into the quality improvement definition, quality improvement methods, and quality improvement plan.

Targeted Organizational Departments:

- Quality Assurance
- Quality Control
- Operations
- Production
- Management

These departments would benefit the most from this course, as understanding the quality improvement process is critical to executing successful quality improvement initiatives and using quality improvement tools efficiently.

Targeted Industries:

- Manufacturing
- Healthcare
- Software
- Automotive

These industries stand to gain the most from this training as they have stringent quality requirements and regulatory challenges. The knowledge of quality improvement methods and tools is essential.

Course Offerings:

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

1. Understand the quality improvement definition and process.
2. Implement a quality improvement plan within their organization.
3. Use high-quality data quality tools and quality control tools.
4. Develop and manage quality improvement initiatives.
5. Apply the principles of continuous quality improvement.

Training Methodology:

Our training methodologies include:

- Case studies
- Group work
- Interactive sessions
- Feedback sessions

These methods are designed to facilitate the understanding of the continuous quality improvement process, the application of quality assurance tools, and the development of quality improvement initiatives. We utilize quality assurance training courses and quality management system training materials to ensure our learners gain hands-on experience.

Course Toolbox:

Participants will be provided with:

- The "Fundamentals of Quality Control and Improvement Solution Manual"
- Quality management system training modules
- A toolkit of quality control tools
- A set of quality assurance tools

These resources are aimed at reinforcing the knowledge acquired in the training course and equipping participants with practical tools for their workplaces.

Course Agenda:

Day 1: Introduction and Quality Theories

- Topic 1: Introducing the Concept of Quality
- Topic 2: Quality Definition: Key Elements and Understandings
- Topic 3: Quality Pioneers and Their Theories
- Topic 4: Round Table Discussion: The Impact of Quality Pioneers on Today's Practices
- Reflection & Review

Day 2: Quality Assurance, Quality Control, and Total Quality Management

- Topic 1: Quality Assurance QA vs. Quality Control QC: Differences and Complementarities
- Topic 2: Industry Perspectives on QA and QC
- Topic 3: The Role of QA, QC, and Inspection in Quality Improvement
- Topic 4: Introduction to Total Quality Management TQM
- Reflection & Review

Day 3: Quality Management Systems and Their Benefits

- Topic 1: Overview of Quality Management System QMS
- Topic 2: Rise and Evolution of Quality Management Systems
- Topic 3: Benefits of Implementing a QMS
- Topic 4: Understanding ISO 9001:2015 and Other QMS Standards
- Reflection & Review

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Day 4: Lean, Six Sigma, and Lean Six Sigma Methodologies

- Topic 1: Introduction to Lean Methodology
- Topic 2: Understanding Six Sigma and Its Goals
- Topic 3: The Power of Combining Lean and Six Sigma
- Topic 4: Workshop: Applying Lean Six Sigma Tools for Quality Improvement
- Reflection & Review

Day 5: Future of Quality and Essential Skills for Quality Professionals

- Topic 1: Quality 4.0: The Future of Quality
- Topic 2: Key Skills Required for Quality Professionals
- Topic 3: Roundtable: How to Prepare for Quality 4.0
- Topic 4: Conclusion and Way Forward
- Reflection & Review

How This Course is Different from Other Quality Training Courses:

Unlike other courses, the Quality Improvement Fundamentals Training Course combines theoreticalamentals of Quality Control and Improvement Solution Manual" with hands-on training in quality improvement tools, quality control tools, and quality assurance tools. It uniquely merges quality assurance training courses and quality management system training, offering learners a holistic understanding of the quality improvement process. This course further differentiates itself by its emphasis on continuous quality improvement, underpinning the idea that quality is not a one-time goal, but a perpetual organizational journey.

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