

# TQM Smart Tools for Continuous Improvement Masterclass

Audit & Quality Assurance  
Malaga (Spain)  
22 - 26 Sep 2025

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## TQM Smart Tools for Continuous Improvement Masterclass

**Ref:** 3310\_127669 **Date:** 22 - 26 Sep 2025 **Location:** Malaga (Spain) **Fees:** 4400 **Euro**

### Course Description

This comprehensive 5-day course equips participants with advanced Total Quality Management TQM tools and techniques for driving continuous improvement. Attendees will learn to implement data-driven strategies, optimize processes, and foster a culture of quality throughout their organization. The course combines theoretical knowledge with practical applications to ensure immediate impact in the workplace.

### Learning Objectives

- Master key TQM principles and their application in various industries
- Develop proficiency in using advanced quality improvement tools and techniques
- Learn to analyze and interpret data for effective decision-making
- Acquire skills to lead and manage continuous improvement initiatives
- Understand how to create a culture of quality and continuous improvement

### Course Modules

#### Day 1: Foundations of TQM and Continuous Improvement

- Introduction to TQM principles and philosophy
- The PDCA cycle and its role in continuous improvement
- Quality management systems and standards
- Developing a continuous improvement mindset

#### Day 2: Advanced Quality Tools and Techniques

- Statistical Process Control SPC and control charts
- Failure Mode and Effects Analysis FMEA
- Design of Experiments DOE
- Quality Function Deployment QFD

#### Day 3: Data-Driven Decision Making

- Data collection and analysis techniques
- Root Cause Analysis and the 5 Whys
- Pareto analysis and prioritization
- Benchmarking and best practices

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The pieces are arranged on a checkered board with concentric circles in the background.

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## Day 4: Process Improvement Methodologies

- Lean principles and waste reduction
- Six Sigma methodology and DMAIC
- Value Stream Mapping
- Kaizen and continuous improvement events

## Day 5: Implementing and Sustaining Continuous Improvement

- Change management and overcoming resistance
- Building a culture of quality and continuous improvement
- Measuring and communicating improvement results
- Developing action plans for implementation

## Practical Wins for Participants

- Ability to implement advanced quality tools in real-world scenarios
- Skills to lead cross-functional improvement teams effectively
- Techniques to quantify and communicate the impact of improvement initiatives
- Strategies to foster a sustainable culture of continuous improvement

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+44 7480 775526 / +44 7401 177335