

€ TRAINING

Master Quality Manager





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Introduction:

This training program is designed to equip participants with advanced skills and knowledge in quality management practices. It empowers them to become proficient in leading quality initiatives and driving continuous improvement within their organizations.

Program Objectives:

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

- Apply advanced quality management principles like TQM, Six Sigma, Lean, QFD, and SPC.
- Utilize advanced quality assurance techniques including auditing, risk-based management, RCA, and advanced FMEA.
- Develop and execute strategic quality plans aligned with organizational goals and lead change initiatives.
- Measure and analyze quality performance using KPIs, BSC, advanced data analysis, benchmarking, and DOE.
- Lead quality excellence through effective leadership, team building, continuous improvement, and sustainability integration.

Target Audience:

- Experienced quality managers.
- Professionals across diverse industries.
- Aspiring quality management specialists.
- Career-driven individuals.
- Leaders dedicated to continuous improvement.

Program Outlines:

Unit 1:

Advanced Quality Management Principles:

- Total Quality Management TQM principles.

- Six Sigma methodologies and applications.
- Lean principles and their integration into quality management.
- Quality function deployment QFD techniques.
- Statistical process control SPC methods and analysis.

Unit 2:

Advanced Quality Assurance Techniques:

- Advanced auditing methodologies and techniques.
- Risk-based quality management approaches.
- Root cause analysis RCA methodologies.
- Advanced failure mode and effects analysis FMEA.
- Quality cost analysis and optimization strategies.

Unit 3:

Strategic Quality Planning and Implementation:

- Quality strategy development and deployment.
- Strategic alignment of quality initiatives with organizational goals.
- Advanced quality planning techniques e.g., APQP.
- Quality management systems QMS implementation best practices.
- Change management strategies for quality improvement initiatives.

Unit 4:

Quality Performance Measurement and Analysis:

- Key performance indicators KPIs for quality management.
- Balanced scorecard BSC approaches in quality measurement.
- Advanced quality data analysis techniques.
- Benchmarking methodologies and their application in quality improvement.
- Design of experiments DOE for quality optimization.

Unit 5:

Leadership and Continuous Improvement in Quality Management:

- Leadership strategies for quality excellence.
- Building and leading high-performing quality teams.
- Advanced continuous improvement methodologies.
- Quality culture development and sustenance.
- Integration of sustainability principles into quality management practices.