



London TDM

Quality and Productivity Improvement Training Courses

Course Venue: Malaysia - Kuala Lumpur

Course Date: From 01 February 2026 To 05 February 2026

Course Place: Royale Chulan Hotel

Course Fees: 6,000 USD

Introduction

In today's competitive environment, understanding and implementing risk-based thinking in quality systems is essential for businesses striving for excellence. This course will provide participants with the insights and skills necessary to identify, assess, and mitigate risks in their quality systems to enhance decision-making processes and ensure compliance with industry standards.

Objectives

- Understand the fundamentals of risk-based thinking in quality management systems.
- Identify tools and techniques for assessing risk in quality processes.
- Learn how to integrate risk-based thinking into existing quality systems.
- Develop strategies for continuous improvement using risk assessments.
- Gain proficiency in creating a risk-aware organizational culture.

Course Outlines

Day 1: Introduction to Risk-Based Thinking

- Overview of risk-based thinking and its importance in quality management.
- Historical development and evolution in quality systems.
- Key concepts and definitions related to risk-based thinking.
- Understanding ISO 9001:2015 and its emphasis on risk.
- Discussion: Mindset shift towards risk-based approaches.

Day 2: Tools and Techniques for Risk Assessment

- Introduction to risk assessment tools and methodologies.
- Using Failure Mode and Effects Analysis (FMEA) effectively.
- Getting started with Risk Priority Numbers (RPN).
- Hands-on session: Conducting a basic risk assessment.
- Case studies: Successful risk assessment implementations.

Day 3: Integration of Risk-Based Thinking into Quality Systems

- Strategies for incorporating risk into quality management processes.
- Aligning risk management with organizational objectives.
- Creating documentation and procedures to support risk-based thinking.
- Metrics for measuring effectiveness in risk management.
- Workshop: Developing a risk-based thinking plan.

Day 4: Continuous Improvement through Risk Management

- Linking risk assessments to continuous improvement initiatives.
- Using data analytics in risk management for quality improvement.
- Applying Plan-Do-Check-Act (PDCA) in risk-based thinking.
- Monitoring and auditing the effectiveness of risk management.
- Interactive session: Real-world problem-solving using risk-based strategies.

Day 5: Building a Risk-Aware Organizational Culture

- Fostering a culture that embraces risk-based thinking.
- Training and educating teams on risk awareness and management.
- Leadership roles and responsibilities in cultivating risk-based thinking.
- Stakeholder engagement in risk management processes.
- Final assessment and feedback session.