London TDM

Quality and Productivity Improvement Training Courses

Course Venue: United Kingdom - London

Course Date: From 11 January 2026 To 15 January 2026

Course Place: London Paddington

Course Fees: 6,000 USD

Introduction

Mistake-Proofing, or Poka-Yoke, is a technique used in various industries to prevent errors and defects in products and processes. This 5-day professional course aims to equip participants with the knowledge and skills to implement Poka-Yoke techniques effectively in their organizations, ensuring quality and efficiency in operations.

Objectives

- Understand the principles of mistake-proofing and its importance in quality management.
- Learn how to identify potential errors in processes and their root causes.
- Explore various Poka-Yoke techniques and tools to prevent mistakes.
- Develop skills to design and implement effective mistake-proofing solutions.
- Gain insights into maintaining and continuously improving mistake-proofing systems.

Course Outlines

Day 1: Introduction to Mistake-Proofing

- Overview of Poka-Yoke and its history
- The role of Poka-Yoke in Lean Manufacturing
- Common types of errors in processes
- The cost and impact of errors in production
- Case studies of successful mistake-proofing implementations

Day 2: Identifying Errors and Root Causes

- Techniques for error detection in processes
- Understanding root cause analysis
- Using the 5 Whys technique for problem identification
- Creating a mistake-proofing mindset in teams
- Workshop: Identifying errors in a given process scenario

Day 3: Mistake-Proofing Techniques and Tools

- Introduction to various mistake-proofing devices
- Physical, sequencing, and use-related error-proofing
- Designing effective error prevention mechanisms
- Utilizing technology for mistake-proofing
- Group activity: Design a mistake-proofing tool for a specific process

Day 4: Implementation of Mistake-Proofing Solutions

- Steps for implementing Poka-Yoke techniques
- Incorporating mistake-proofing in the design phase
- Monitoring and measuring effectiveness of solutions
- Overcoming resistance to change
- Practical exercises: Role-playing various implementation scenarios

Day 5: Maintaining and Improving Mistake-Proofing Systems

- Continuous improvement methodologies
- Regular assessment and feedback mechanisms
- Case examples on evolving mistake-proof systems
- Future trends in mistake-proofing and quality control
- Course wrap-up and participant presentations