



*Training Course:
Advanced Maintenance Management*

*3 - 7 August 2026
Barcelona (Spain)*

Training Course: Advanced Maintenance Management

Training Course code: MI6020 From: 3 - 7 August 2026 Venue: Barcelona (Spain) - Training Course Fees: 6300 € Euro

Introduction

This 5-day programme is focused on comprehensively structuring the maintenance management environment. The key elements of maintenance management strategy, organisation, maintenance programme development, work planning and control, decision models, maintenance auditing and performance measurement, continuous improvement, and other techniques required to implement a world-class maintenance practice will be covered. These key tools can be used to ensure the core disciplines are maintained, to drive improvement, identify best practices, and assist with the formulation of strategies.

Course Objectives

Leading industrial organizations are evolving away from reactive "fix-it-when-it-breaks" management into predictive, productive management "anticipating, planning, and fix-it-before-it-breaks". This evolution requires well-planned and executed actions on several fronts. You will:

- Identify planning best practices and key Elements for taking action on them
- Understand how world-class organizations solve common planning problems
- Evaluate your practices compared to those of others
- Improve the use of your information and communication tools
- Improve productivity through the use of better, more timely information
- Create and preserve lead-time in work management and use it for planning and scheduling resources
- Improve consistency and reliability of asset information
- Optimize preventive and predictive maintenance strategies
- Audit your maintenance operations
- Use the results to develop an improvement strategy
- Establish Auditing and Performance Indicators as a key element of the maintenance strategy

The program will impart an understanding of how such techniques can be applied as part of a broad systematic approach to proactively managing and improving maintenance

Course Outlines

DAY 1 - Maintenance Management Strategy

- Maintenance in the Business Process
- Evolution in Maintenance Management
- The Maintenance Management Environment and the need for improvement
- An overview of various approaches to maintenance improvement
- The Maintenance Benchmarking Process
- Maintenance Benchmarking Methodology
- World-Class Maintenance Management
- Structure and content of the Maintenance Management Strategy

DAY 2 - Maintenance Plan: Define the workload

- Risk Priority Number
- The Criticality Matrix
- Failure Modes and Effects Analysis FMEA
- Consequences of Failure
- Failure Management Policies
- The application of RCM in the Development of Failure Management Policies
- Implementing Failure Management Policies
- Corrective Maintenance Planning
- Maintenance Logistics Planning
- Maintenance Task Detail Planning
- Maintenance Work Estimating

DAY 3 - Maintenance Management Systems

- Maintenance Work Prioritisation
- Maintenance Work Flow
- Notifications

- Weekly Master Schedule
- Backlog Management

DAY 4 - Maintenance Auditing and Improvement

- Introduction to Maintenance Auditing and Benchmarking
- Using Auditing and Benchmarking to drive improvement
- The Maintenance Auditing Process
- Maintenance Auditing Methodology
- Conducting a Maintenance Audit
- Interpreting Audit Results
- Using Auditing to Drive Improvement

DAY 5 - Performance Indicators and Management Reporting

- Managing and Measuring Progress to Excellence
- Information and Control
- Management Levels and Information
- Maintenance Performance Indicators
- Management Reports
- Continuous Improvement in Maintenance

Registration form on the Training Course: Advanced Maintenance Management

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