

ADVANCED MAINTENANCE MANAGEMENT

“Enhancing Equipment Reliability, Reducing Downtime, and Driving Operational Excellence”

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

Maintenance management plays a vital role in ensuring reliability, efficiency, and safety in industrial and organizational operations. As systems and machinery become more complex, maintenance professionals must adopt advanced strategies, data-driven techniques, and proactive management practices to prevent costly failures and unplanned downtime.

The Advanced Maintenance Management program equips participants with the knowledge and tools to optimize maintenance operations through modern approaches such as Reliability-Centered Maintenance (RCM), Total Productive Maintenance (TPM), Predictive Maintenance, and Computerized Maintenance Management Systems (CMMS).

This course focuses on aligning maintenance strategies with organizational goals, improving asset performance, and implementing effective maintenance planning, budgeting, and performance measurement systems.

Objectives

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

- Understand the principles and objectives of advanced maintenance management
- Develop and implement maintenance policies and strategies aligned with business goals
- Apply preventive, predictive, and reliability-centered maintenance techniques
- Utilize data analysis and performance metrics to improve maintenance decisions
- Manage spare parts inventory and maintenance costs effectively
- Implement CMMS for maintenance planning and scheduling
- Enhance maintenance team performance and safety practices
- Evaluate maintenance performance using key indicators and benchmarking tools

Why Attend

This course is designed to help professionals move beyond routine maintenance to strategic asset management. Participants will gain the skills needed to improve equipment reliability, minimize downtime, and enhance productivity.

Attending this training will empower you to lead maintenance transformation initiatives, reduce maintenance costs, and establish a culture of continuous improvement across your organization.

Target Audience

This course is suitable for:

- Maintenance Engineers and Supervisors
- Plant and Facility Managers
- Operations and Production Managers
- Asset Management Professionals
- Reliability and Quality Engineers
- Maintenance Planners and Schedulers
- Technical and Engineering Staff involved in maintenance operations

Individual Benefits

- Gain in-depth understanding of advanced maintenance techniques and systems
- Improve ability to analyze maintenance data and performance indicators
- Learn to optimize maintenance planning, scheduling, and resource allocation
- Increase knowledge of modern tools such as RCM, TPM, and CMMS
- Enhance leadership and decision-making skills in maintenance management
- Strengthen your professional profile in reliability and asset management

Organizational Benefits

- Increase equipment uptime and overall asset reliability
- Reduce maintenance costs and resource wastage
- Improve plant safety and regulatory compliance
- Implement data-driven maintenance strategies for better performance
- Extend equipment life through effective maintenance practices
- Foster a proactive maintenance culture within the organization

Instructional Methodology

This training is conducted using a highly interactive and practical approach through:

- Expert-led discussions and presentations
- Real-world case studies and problem-solving workshops
- Hands-on exercises in maintenance planning and analysis
- Group projects on maintenance strategy development
- Use of CMMS simulation and data interpretation exercises
- Continuous feedback and performance evaluation

Course Outline

- Module 1: Introduction to Advanced Maintenance Management
- Module 2: Maintenance Strategy and Policy Development
- Module 3: Preventive, Predictive, and Reliability-Centered Maintenance (RCM)
- Module 4: Total Productive Maintenance (TPM) Concepts and Practices
- Module 5: Maintenance Planning, Scheduling, and Work Control
- Module 6: Computerized Maintenance Management Systems (CMMS)
- Module 7: Maintenance Costing, Budgeting, and Performance Indicators
- Module 8: Spare Parts and Inventory Management
- Module 9: Safety, Quality, and Environmental Considerations in Maintenance
- Module 10: Capstone Project - Developing an Advanced Maintenance Improvement Plan

Certification

Upon successful completion, participants will receive the Advanced Certificate in Maintenance Management, recognizing their expertise in applying advanced maintenance principles and modern management tools to achieve optimal asset performance and reliability.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

In-House / Customized Training

Interested in running this course for your team?

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