MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

DEVELOPING & IMPLEMENTING A COMPREHENSIVE OPERATIONS & MAINTENANCE PLAN

"Mastering the Strategies for Efficient Operations and Maintenance Planning"

Schedule

Date	Venue	Fees (Face-to-Face)
01 – 05 Mar 2026	Kuwait	USD 3,495 per delegate
17 – 21 May 2026	Doha, Qatar	USD 3,495 per delegate
18 – 22 May 2026	Kuala Lumpur, Malaysia	USD 3,495 per delegate
13 – 17 Jul 2026	London, UK	USD 3,495 per delegate
20 – 24 Sep 2026	Manama, Bahrain	USD 3,495 per delegate
18 – 22 Oct 2026	Kuwait	USD 3,495 per delegate
16 – 20 Nov 2026	Dubai, UAE	USD 3,495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

This course offers comprehensive knowledge and skills in developing and implementing an effective operations and maintenance (O&M) plan for various industrial sectors. It focuses on creating a strategic, systematic approach to maintaining equipment, ensuring uptime, improving productivity, and reducing costs. By attending, participants will gain a practical understanding of key maintenance concepts, best practices, and strategies necessary to enhance operations across all stages of the equipment life cycle.

With a focus on real-world applications, this training will cover the development, implementation, and monitoring of an O&M plan, allowing organizations to achieve long-term operational excellence and sustainability. Participants will leave with the skills to optimize their O&M processes, increase asset reliability, and reduce maintenance-related failures.

Objectives

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

- Develop a comprehensive operations and maintenance (O&M) plan tailored to their organization's needs
- Implement and manage O&M strategies to optimize equipment performance and reduce downtime
- Analyze and assess the effectiveness of existing O&M plans
- Identify key metrics and KPIs to monitor and measure O&M performance
- Apply best practices to enhance operational efficiency and reliability

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Why Attend

- Gain expertise in creating and managing an O&M plan that drives efficiency
- Learn how to implement cost-effective maintenance strategies to extend the lifespan of equipment
- Discover how to measure and monitor maintenance performance effectively
- Enhance your organization’s operational reliability and reduce unexpected breakdowns
- Equip yourself with the tools to build a robust maintenance strategy for continuous improvement

Target Audience

This program is designed for:

- Maintenance managers and supervisors responsible for planning and overseeing operations and maintenance
- Reliability engineers and professionals focusing on improving asset management and performance
- Operations managers looking to implement comprehensive maintenance strategies
- Facility and plant managers seeking to optimize their O&M practices
- Senior technical professionals responsible for ensuring the reliability and longevity of equipment

Individual Benefits

Key competencies that will be developed include:

- Practical skills in developing a comprehensive and effective O&M plan
- Ability to assess and improve existing maintenance strategies
- Knowledge of industry best practices for equipment reliability and maintenance
- Enhanced ability to implement preventive and predictive maintenance techniques
- Competence in using KPIs and metrics to monitor and improve O&M performance

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- The ability to optimize O&M strategies to reduce equipment downtime and failure rates
- Enhanced skills in ensuring a cost-effective and sustainable approach to equipment management
- Improved operational efficiency and reliability, contributing to higher productivity
- A proactive approach to maintenance, leading to reduced emergency repairs and long-term savings
- A systematic method for aligning O&M activities with organizational goals and operational targets

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Overview of developing an O&M plan and key strategies for implementation
- Case Studies – Real-world examples of successful operations and maintenance planning
- Workshops – Hands-on exercises focused on developing O&M plans, strategies, and KPIs
- Peer Exchange – Group discussions on challenges and lessons learned in O&M implementation
- Tools – Templates for O&M planning, KPI tracking, and performance assessment

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Course Outline

Detailed 5-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to Operations and Maintenance Planning

- Module 1: Fundamentals of O&M Planning (07:30 – 09:30)
- Overview of operations and maintenance planning
- Key principles and benefits of an O&M plan
- The role of O&M in asset management and performance
- Module 2: Developing an O&M Plan (09:45 – 11:15)
- Steps to creating an O&M plan tailored to organizational needs
- Key components of an effective O&M plan
- How to prioritize tasks and allocate resources
- Module 3: Workshop: Building the Foundation of an O&M Plan (11:30 – 01:00)
- Group exercise on developing an initial O&M plan
- Peer review and feedback on proposed O&M strategies

Day 2: Implementation Strategies for Operations and Maintenance

- Module 4: Managing O&M Execution (07:30 – 09:30)
- Strategies for implementing and managing the O&M plan
- Roles and responsibilities in O&M execution
- Overcoming common challenges in O&M execution
- Module 5: Preventive and Predictive Maintenance Techniques (09:45 – 11:15)
- Introduction to preventive maintenance (PM) strategies
- Tools and methods for predictive maintenance (PdM)
- Balancing preventive, predictive, and corrective maintenance
- Module 6: Workshop: Creating an O&M Implementation Plan (11:30 – 01:00)
- Hands-on exercise on developing an implementation strategy for O&M
- Peer discussion and problem-solving of real-world challenges

Day 3: Key Performance Indicators (KPIs) for O&M

- Module 7: Defining KPIs and Metrics (07:30 – 09:30)
- Introduction to key performance indicators (KPIs) for maintenance management
- How to define and select the right KPIs for O&M
- Best practices for tracking and reporting O&M performance
- Module 8: Monitoring O&M Performance (09:45 – 11:15)
- Methods for continuously monitoring O&M performance
- Tools for tracking O&M metrics and analyzing data
- How to adjust strategies based on performance feedback
- Module 9: Workshop: Developing O&M KPIs (11:30 – 01:00)
- Group exercise on creating and tracking O&M KPIs for an organization
- Peer review and feedback on proposed KPIs and monitoring strategies

Day 4: Advanced Techniques in O&M Optimization

- Module 10: Root Cause Analysis for O&M Failures (07:30 – 09:30)
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Understanding the root cause analysis process in maintenance

- Techniques for identifying and eliminating the causes of failure
- How to prevent recurrent issues through root cause analysis
- Module 11: Optimizing Equipment Lifecycle (09:45 – 11:15)
- Methods for extending the lifecycle of equipment
- Best practices for asset management and optimization
- How to balance cost, performance, and reliability
- Module 12: Workshop: Root Cause Analysis for O&M Failures (11:30 – 01:00)
- Group exercise on performing root cause analysis for maintenance failures
- Identifying strategies for continuous improvement in O&M

Day 5: Final Assessment and Certification

- Module 13: Review and Q&A (07:30 – 09:30)
- Recap of key concepts covered throughout the course
- Open session for participant questions and clarifications
- Module 14: Final Group Exercise: O&M Plan Presentation (09:45 – 11:15)
- Final group exercise on presenting a comprehensive O&M plan
- Peer review and feedback on proposed O&M strategies
- Module 15: Certification and Closing Remarks (11:30 – 01:00)
- Distribution of certificates of completion
- Final remarks and next steps for implementing O&M strategies in your organization

Certification

Participants will receive a Certificate of Completion in Operations & Maintenance Planning, validating their expertise in developing and implementing a comprehensive O&M plan and ensuring the optimal performance of equipment in an organizational setting.

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.

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