MAWA EVENTS

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

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ASSET PERFORMANCE MANAGEMENT SYSTEM (APMS)

“Enhancing Asset Efficiency and Reliability through Performance Management\""

Schedule

Date	Venue	Fees (Face-to-Face)
17 – 21 Aug 2026	Singapore	USD 3495 per delegate

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

Introduction

This 5-day training program offers participants an in-depth understanding of Asset Performance Management System (APMS) and its importance in maximizing asset reliability and efficiency. The course will cover the full lifecycle of asset performance management, including monitoring, assessment, optimization, and maintenance strategies.

Participants will learn to apply best practices and tools to improve asset utilization, reduce operational costs, and ensure sustainable asset performance. Through case studies, interactive workshops, and hands-on exercises, the program will equip professionals with the skills to manage asset performance effectively and contribute to the overall success of their organization.

Objectives

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

- Understand the principles of Asset Performance Management (APM).
- Implement and optimize asset performance management strategies.
- Utilize data-driven approaches to enhance asset reliability and performance.
- Develop maintenance strategies based on asset performance data.
- Design and implement asset performance management systems that align with organizational goals.

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Why Attend

- Gain a comprehensive understanding of asset performance management systems.
- Learn how to enhance asset reliability and optimize asset performance across the asset lifecycle.
- Improve your ability to reduce operational costs and maximize asset uptime.
- Discover tools and techniques for data-driven decision-making in asset management.
- Learn from real-world case studies and interactive workshops on asset performance improvement.

Target Audience

This program is designed for:

- Asset managers and engineers.
- Maintenance managers and supervisors.
- Reliability engineers and technicians.
- Operations and facilities managers.
- Professionals responsible for asset management and optimization in their organizations.

Individual Benefits

Key competencies that will be developed include:

- Understanding the full lifecycle of asset performance management.
- Implementing data-driven approaches to asset performance optimization.
- Analyzing and interpreting asset performance data for informed decision-making.
- Designing maintenance strategies that enhance asset reliability and minimize downtime.
- Developing key performance indicators (KPIs) for asset performance monitoring.

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- The ability to develop and implement asset performance management strategies that improve operational efficiency.
- Enhanced asset reliability, leading to reduced maintenance costs and unplanned downtime.
- Improved decision-making through data-driven insights into asset performance.
- The ability to create a more sustainable approach to asset management that aligns with organizational goals.
- The development of a robust asset performance management framework that supports long-term asset reliability.

Instructional Methodology

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

- Strategy Briefings – Deep dive into Asset Performance Management System (APMS), key principles, and industry standards.
- Case Studies – Real-world examples of successful asset performance management implementation.
- Workshops – Hands-on exercises to implement APMS strategies and tools in asset management practices.
- Peer Exchange – Group discussions on challenges and solutions in asset performance management.
- Tools – Templates and frameworks for asset monitoring, performance data analysis, and optimization strategies.

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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 Asset Performance Management Systems (APMS)

- Module 1: Overview of Asset Performance Management (07:30 – 09:30)
- Understanding APMS and its role in asset management.
- Key principles and frameworks of Asset Performance Management.
- The lifecycle of asset performance and its impact on organizational efficiency.
- Module 2: Asset Performance Monitoring (09:45 – 11:15)
- Techniques for monitoring asset performance.
- Identifying key performance indicators (KPIs) for asset reliability.
- Tools for tracking and assessing asset performance data.
- Module 3: Case Study – Successful APMS Implementation (11:30 – 01:00)
- Real-world examples of successful asset performance management programs.
- Module 4: Peer Exchange – Asset Performance Challenges (02:00 – 03:30)
- Sharing insights and challenges faced by participants in asset management.

Day 2: Data-Driven Approaches in Asset Performance Management

- Module 1: Analyzing Asset Performance Data (07:30 – 09:30)
- Techniques for analyzing asset performance data.
- Understanding predictive maintenance and condition-based monitoring.
- The role of data in decision-making and performance improvement.
- Module 2: Asset Performance Optimization (09:45 – 11:15)
- Approaches to optimizing asset performance and reliability.
- Techniques for maximizing asset uptime and minimizing maintenance costs.
- Aligning asset performance with organizational goals.
- Module 3: Workshop – Data Analysis and Optimization Exercise (11:30 – 01:00)
- Hands-on exercises to analyze asset performance data and develop optimization strategies.
- Module 4: Case Study – Data-Driven Success in Asset Management (02:00 – 03:30)
- Review of organizations that have successfully implemented data-driven asset management strategies.

Day 3: Maintenance Strategies Based on Asset Performance

- Module 1: Developing Asset Maintenance Strategies (07:30 – 09:30)
- How to develop maintenance strategies based on asset performance data.
- The role of condition-based and predictive maintenance.
- The importance of a proactive maintenance approach in asset management.
- Module 2: Risk-Based Maintenance and Asset Performance (09:45 – 11:15)
- Introduction to risk-based maintenance strategies.
- Assessing risk levels and prioritizing maintenance efforts.
- Integrating risk management into asset performance management.
- Module 3: Workshop – Creating a Maintenance Strategy (11:30 – 01:00)
- Hands-on exercise to create a maintenance strategy based on asset performance data.
- Module 4: Peer Exchange – Overcoming Maintenance Challenges (02:00 – 03:30)
- Group discussions on challenges faced in developing and implementing maintenance strategies.

Day 4: Implementing and Monitoring APMS Systems

- Module 1: Implementing APMS in Your Organization (07:30 – 09:30)
- Steps for implementing an Asset Performance Management System in your organization.
- Aligning APMS with organizational goals and operations.
- Key challenges and considerations in APMS implementation.
- Module 2: Monitoring and Evaluating APMS Effectiveness (09:45 – 11:15)
- Techniques for evaluating the effectiveness of an APMS.
- Continuous improvement practices in asset performance management.
- Monitoring the success of implemented strategies.
- Module 3: Workshop – APMS Implementation Plan (11:30 – 01:00)
- Guided workshop to create a plan for implementing an APMS in your organization.
- Module 4: Case Study – Successful APMS Monitoring and Evaluation (02:00 – 03:30)
- Review of case studies focusing on the monitoring and evaluation of APMS effectiveness.

Day 5: Advanced Asset Performance Management Techniques

- Module 1: Advanced Techniques for Asset Performance Optimization (07:30 – 09:30)
- Advanced techniques and tools for optimizing asset performance.
- The role of digitalization and IoT in asset performance management.
- Future trends in asset management and performance.
- Module 2: Final Workshop – APMS Strategy Presentation (09:45 – 11:15)
- Final workshop to present APMS strategies and optimization plans.
- Module 3: Review and Certification (11:30 – 01:00)
- Final review of the course content and participant feedback.
- Module 4: Course Conclusion and Certification Ceremony (02:00 – 03:30)
- Final thoughts, certificate presentation, and closing remarks.

Certification

Participants will receive a Certificate of Completion in Asset Performance Management System (APMS), validating their expertise in asset performance management strategies and systems, as well as their ability to optimize 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.
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