MAWA EVENTS

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

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

MAINTENANCE & RELIABILITY KPIS DASHBOARDS

""Transforming Maintenance Data into Strategic Insights through Performance Metrics and Visual Dashboards""

Schedule

Date	Venue	Fees (Face-to-Face)
03 – 05 Mar 2026	Manama, Bahrain	USD 2495 per delegate

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

Introduction

Maintenance and reliability professionals face growing pressure to demonstrate performance, justify investments, and contribute to asset uptime and business continuity. Key Performance Indicators (KPIs) and dashboards offer a powerful way to communicate results, identify inefficiencies, and drive continuous improvement.

This 3-day course is designed to help participants define, measure, and visualize maintenance and reliability KPIs through practical tools, global benchmarks, and digital dashboard platforms. It emphasizes data-driven decision-making and alignment with strategic maintenance objectives such as availability, cost control, safety, and asset longevity.

Objectives

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

- Identify and define meaningful maintenance and reliability KPIs
- Align performance indicators with organizational and asset management goals
- Design and build interactive dashboards for operational visibility
- Interpret trends, diagnose variances, and drive performance actions
- Use KPIs to support maintenance planning, budgeting, and continuous improvement

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Why Attend

- Learn how to move from raw maintenance data to actionable insights
- Strengthen your ability to track and improve maintenance performance
- Gain hands-on experience with KPI frameworks and visual dashboard tools
- Benchmark your current maintenance function using international standards
- Support asset management, OEE, and reliability strategies with real-time indicators

Target Audience

This program is designed for:

- Maintenance and reliability engineers/managers
- CMMS and maintenance planners
- Asset management professionals
- Operations, plant, and production leaders
- Performance analysts and dashboard developers

Individual Benefits

Key competencies that will be developed include:

- KPI selection, hierarchy, and alignment
- Dashboard layout and performance visualization
- Failure analysis and mean time metrics (MTBF, MTTR)
- Decision-making based on trends and KPI drill-downs
- Maintenance budgeting and reporting using data

Organizational Benefits

Key competencies that will be developed include:

- KPI selection, hierarchy, and alignment
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Instructional Methodology

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

- Strategy Briefings – KPI frameworks, global benchmarks, and digital integration
- Case Studies – Dashboards and scorecards from leading reliability teams
- Workshops – KPI selection, data structuring, and dashboard building
- Peer Exchange – Comparing industry metrics and reporting structures
- Tools – KPI dictionaries, scorecard templates, Excel-based dashboard models

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Course Outline

Training Hours: 07:30 AM – 03:30 PM Daily Format: 3–4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Break: 01:00 – 02:00

Day 1: Foundations of Maintenance KPIs

- Module 1: Maintenance Performance Framework (07:30 – 09:30) • Goals of maintenance: uptime, cost, risk, compliance • Defining KPI types: leading vs lagging
- Module 2: Selecting the Right KPIs (09:45 – 11:15) • KPI categories: cost, availability, responsiveness, quality • MTBF, MTTR, schedule compliance, wrench time
- Module 3: Workshop – KPI Gap Analysis (11:30 – 01:00) • Evaluate current KPI usage and identify improvement areas

Day 2: Dashboard Design and Data Structure

- Module 4: Building Maintenance Dashboards (07:30 – 09:30) • Dashboard types: operational vs strategic • Visual hierarchy, colors, and storytelling
- Module 5: Structuring Maintenance Data (09:45 – 11:15) • Linking CMMS, Excel, and external data sources • Organizing data for consistency and automation
- Module 6: Workshop – Designing Your First Dashboard (11:30 – 01:00) • Create a sample layout for maintenance performance reporting

Day 3: Analysis, Communication & Continuous Improvement

- Module 7: KPI Interpretation and Decision-Making (07:30 – 09:30) • Understanding trends, correlations, and red flags • Root cause analysis based on KPI shifts
- Module 8: Communicating KPI Results (09:45 – 11:15) • Audience-specific reports: executives, technicians, planners • Visual reports for team meetings and reviews
- Module 9: Workshop – Presenting a KPI Story (11:30 – 01:00) • Simulate a performance review presentation using dashboards

Certification

Participants will receive a Certificate of Completion in Maintenance & Reliability KPIs Dashboards, confirming their expertise in building and using performance metrics and dashboards to optimize maintenance outcomes.

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? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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