

## VALUE DRIVEN MAINTENANCE

*"Maximizing Maintenance Impact on Business Performance Through Strategic Asset Management"*

### Schedule

Date	Venue	Fees
02 - 06 Feb 2026	Dubai, UAE	USD 3495 per delegate

### Introduction

In many organizations, maintenance is often viewed as a cost center rather than a value generator. However, when executed strategically, maintenance becomes a critical contributor to asset reliability, operational excellence, and business value creation. Value Driven Maintenance (VDM) shifts the focus from cost control to maximizing the contribution of maintenance to organizational performance.

This intensive 5-day training equips participants with a structured framework to align maintenance efforts with business goals. It blends asset management principles, risk-based decision-making, performance metrics, and optimization tools to ensure that maintenance activities deliver measurable results in safety, production uptime, and financial return.

### Objectives

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

- Understand the core principles and pillars of Value Driven Maintenance
- Align maintenance activities with strategic business objectives
- Prioritize tasks based on risk, criticality, and economic value
- Optimize preventive, predictive, and corrective maintenance efforts
- Track and communicate maintenance value through performance metrics

## Why Attend

- Learn how to shift from reactive to value-creating maintenance practices
- Improve asset reliability and lifecycle performance
- Develop KPIs that demonstrate maintenance impact on business results
- Identify and eliminate low-value activities draining resources
- Drive engagement across operations, maintenance, and finance functions

## Target Audience

This program is designed for:

- Maintenance and reliability engineers
- Plant and operations managers
- Asset management professionals
- Maintenance planners and supervisors
- Financial controllers responsible for plant budgeting

## Individual Benefits

Key competencies that will be developed include:

- Strategic thinking in maintenance planning and resource allocation
- Proficiency in value analysis and maintenance prioritization
- Enhanced ability to quantify and communicate maintenance ROI
- Stronger alignment of maintenance performance with business KPIs
- Broader knowledge of risk-based and reliability-focused maintenance

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved maintenance effectiveness and cost efficiency
- Better decision-making based on asset criticality and value contribution
- Increased uptime and productivity through optimized task planning
- Stronger justification for maintenance budgets and investments
- Enhanced communication between technical and financial teams

## Instructional Methodology

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

- Strategy Briefings - Introduction to VDM models, business alignment, and risk assessment
- Case Studies - Global best practices and lessons from value-based maintenance implementation
- Workshops - Value mapping, risk ranking, and maintenance task analysis
- Peer Exchange - Group discussions on overcoming organizational barriers
- Tools - Templates for asset value analysis, maintenance scorecards, and KPI tracking

## MAWA EVENTS

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## Course Outline

### DETAILED 5-DAY COURSE OUTLINE

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

#### Day 1: Foundations of Value Driven Maintenance

- Module 1: Maintenance as a Value Enabler (07:30 – 09:30) • Traditional vs. value-driven maintenance perspectives • Linking maintenance to business outcomes • Introduction to the VDM framework
- Module 2: Asset Management Principles (09:45 – 11:15) • ISO 55000 and the role of maintenance in asset management • Balancing cost, risk, and performance • Asset lifecycle value optimization
- Module 3: The Four Value Drivers (11:30 – 01:00) • Asset Availability • Maintenance Cost Control • Resource Efficiency • SHEQ (Safety, Health, Environment, Quality) Risk Control
- Module 4: Workshop – Value Assessment Exercise (02:00 – 03:30) • Identifying value drivers at your site • Mapping current maintenance activities to value outcomes • Group discussion and feedback

#### Day 2: Risk-Based Maintenance Planning

- Module 1: Asset Criticality and Risk Analysis (07:30 – 09:30) • Defining asset criticality based on business impact • Failure mode and effect analysis (FMEA) • Risk matrices and ranking
- Module 2: Maintenance Task Evaluation (09:45 – 11:15) • Screening low-value or redundant maintenance tasks • Developing failure consequence-based strategies • Risk-cost-benefit assessments
- Module 3: Maintenance Decision Matrix (11:30 – 01:00) • When to use preventive, predictive, or corrective strategies • Planning maintenance intervals and actions based on value • Evaluating total cost of ownership
- Module 4: Workshop – Criticality Ranking (02:00 – 03:30) • Applying criticality models to real equipment • Prioritizing maintenance actions • Comparing results and strategies

#### Day 3: Data-Driven Maintenance Performance

- Module 1: Maintenance KPIs That Matter (07:30 – 09:30) • Leading vs. lagging indicators • KPIs aligned to each VDM pillar • Scorecards and reporting structure
- Module 2: Benchmarking and Performance Improvement (09:45 – 11:15) • Internal vs. external benchmarking • Continuous improvement through KPI tracking • Maintenance maturity models
- Module 3: Using CMMS for Value Reporting (11:30 – 01:00) • Structuring work orders to capture performance data • Linking PM/PdM tasks to value drivers • Dashboards and digital monitoring
- Module 4: Workshop – KPI Design and Review (02:00 – 03:30) • Selecting and defining meaningful KPIs • Reviewing real-world scorecard examples • Feedback and discussion

#### Day 4: Resource Optimization and Lean Maintenance

- Module 1: Labor and Contractor Utilization (07:30 – 09:30) • Right-sizing the workforce • Evaluating contractor performance and cost • Reducing delays and non-productive time
- Module 2: Spare Parts and Inventory Value (09:45 – 11:15) • Inventory segmentation and stocking policies • Avoiding overstock and part obsolescence • Critical spares and reliability impact
- Module 3: Lean Maintenance Techniques (11:30 – 01:00) • Eliminating waste in maintenance processes • Maintenance standardization and simplification • Visual controls and 5S principles
- Module 4: Workshop – Cost-to-Value Analysis (02:00 – 03:30) • Comparing resource inputs with output value • Opportunities for efficiency and elimination • Action planning for improvements

#### Day 5: Strategy Integration and Implementation Planning

- Module 1: Building a Value-Driven Maintenance Strategy (07:30 – 09:30) • Aligning maintenance policy with business goals • Creating a strategic roadmap • Engaging stakeholders in the value journey

- **Module 2: Change Management and Team Engagement (09:45 – 11:15)** • Overcoming resistance and building reliability culture • Communication techniques and KPI visibility • Role of leadership in driving value
- **Module 3: Final Workshop – VDM Action Plan (11:30 – 01:00)** • Team-based development of a VDM strategy • Peer review and improvement feedback • Final Q&A and review of lessons
- **Module 4: Certification Ceremony and Course Wrap-Up (02:00 – 03:30)** • Final reflections and key takeaways • Personal implementation plans • Certificate distribution and trainer closing

### Certification

Participants will receive a Certificate of Completion in Value Driven Maintenance, validating their ability to develop and implement maintenance strategies that directly contribute to organizational performance, asset reliability, and business value creation.

### Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
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- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

<p><b>In-House / Customized Training</b></p> <p>Interested in running this course for your team?</p> <p>Please contact us:</p>	<p>TEL:</p> <p><b>+601116373203</b></p>	<p>EMAIL:</p> <p><b>info@mawaevents.net</b></p>
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