MAWA EVENTS

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

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

RISK - BASED ASSET MANAGEMENT

"Maximize Asset Value and Minimize Operational Risks through Strategic Management Practices."

Schedule

Venue (In-house)	Fees
At Your Organization Premises	Ask For The Quotation

Introduction

Effective asset management is no longer just about maintenance—it is about balancing performance, risk, and cost. Risk-Based Asset Management (RBAM) is a strategic approach that prioritizes resources, maintenance, and operational decisions based on risk assessment, ensuring that critical assets receive appropriate attention while optimizing investment and operational efficiency.

The Risk-Based Asset Management course equips participants with practical knowledge and tools to implement RBAM strategies, assess asset risks, and develop maintenance and operational plans that maximize reliability, safety, and return on investment.

Objectives

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

- Understand the principles and importance of risk-based asset management.
- Identify critical assets and evaluate their risk profiles.
- Conduct risk assessments using quantitative and qualitative methods.
- Prioritize maintenance, inspection, and investment based on asset risk.
- Integrate RBAM into operational, maintenance, and business decision-making.
- Develop asset management strategies aligned with organizational objectives.
- Monitor, review, and continuously improve risk-based asset management programs.
- Apply best practices and industry standards in RBAM implementation.

MAWA EVENTS

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

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

Why Attend

Organizations face increasing pressure to ensure asset reliability, safety, and regulatory compliance while controlling costs. This course provides participants with practical frameworks, tools, and strategies to assess and manage risks effectively, enabling better decision-making and optimized asset performance.

Target Audience

This course is suitable for:

- Asset and Reliability Engineers
- Maintenance and Operations Managers
- Plant Managers and Supervisors
- Risk Management Professionals
- Asset Management and Business Strategy Professionals
- Technical Leads responsible for plant performance

Individual Benefits

- Gain practical skills in risk assessment and asset prioritization.
- Learn to make data-driven maintenance and operational decisions.
- Enhance problem-solving and decision-making capabilities.
- Increase professional value and competency in strategic asset management.
- Develop confidence in implementing RBAM programs in operational environments.

Organizational Benefits

- Optimize allocation of resources and maintenance budgets.
- Improve asset reliability, safety, and performance.
- Reduce operational risks and unplanned downtime.
- Align asset management strategies with organizational goals.
- Build in-house expertise for strategic and risk-based decision-making.

Instructional Methodology

The training employs a practical and interactive approach:

- Instructor-led sessions on RBAM principles and frameworks
- Case studies on risk assessment and asset prioritization
- Workshops on developing risk-based maintenance and operational plans
- Group exercises for risk evaluation, mitigation, and decision-making
- Applied problem-solving and scenario-based exercises
- Continuous feedback, discussions, and Q&A sessions

MAWA EVENTS

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

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

Course Outline

Module 1: Introduction to Risk-Based Asset Management – Concepts and Importance

Module 2: Asset Identification, Classification, and Criticality Assessment

Module 3: Risk Assessment Techniques – Qualitative and Quantitative Approaches

Module 4: Prioritization of Maintenance, Inspection, and Investments

Module 5: Integrating RBAM into Operational and Business Decision-Making

Module 6: Developing Risk-Based Maintenance Strategies

Module 7: Monitoring, Performance Metrics, and Continuous Improvement

Module 8: Industry Standards and Best Practices in RBAM

Module 9: Case Studies – Implementing RBAM in Industrial Environments

Module 10: Practical Exercises – Risk Assessment and Asset Management Planning

Certification

Upon successful completion, participants will receive a Certificate in Risk-Based Asset Management, acknowledging their expertise in assessing, managing, and prioritizing assets to maximize reliability, safety, and organizational performance.

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**

Follow us: **Facebook** **Twitter** **YouTube** **LinkedIn** **Instagram**

© Material published by MAWA Events shown here is copyrighted. All rights reserved. Any unauthorized copying, distribution, use, dissemination, downloading, storing (in any medium), transmission, reproduction or reliance in whole or any part of this course outline is prohibited and will constitute an infringement of copyright.