

ISO 55001 - COMPLETE INTEGRATED ASSETS MANAGEMENT

"Optimizing asset performance and organizational value through integrated asset management"

Schedule

| Date | Venue | Fees (Face-to-Face) |
|------------------|------------------------|-----------------------|
| 11 - 15 May 2026 | Kuala Lumpur, Malaysia | USD 3495 per delegate |

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

Introduction

Effective asset management is essential for organizations to maximize the value of their physical, financial, and human assets while minimizing risk and cost. ISO 55001 provides a globally recognized framework for establishing, implementing, maintaining, and improving an integrated asset management system that aligns with organizational objectives.

This intensive five-day program equips participants with practical knowledge and tools to implement ISO 55001 effectively. Participants will learn to develop strategies, policies, and processes that optimize asset lifecycle performance, improve decision-making, and enhance operational efficiency and compliance.

Objectives

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

- Understand ISO 55001 standards and requirements for asset management
- Implement a complete integrated asset management system (AMS)
- Align asset management strategies with organizational objectives
- Optimize asset performance and lifecycle costs
- Identify, assess, and manage risks associated with assets
- Improve decision-making through data-driven asset planning
- Prepare for ISO 55001 certification audits and compliance

Why Attend

- Gain comprehensive knowledge of ISO 55001 standards
- Learn best practices for integrated asset management
- Improve asset performance, reliability, and efficiency
- Enhance organizational decision-making and risk management
- Prepare for ISO 55001 certification and audit readiness
- Network with professionals from multiple industries

Target Audience

This program is designed for:

- Asset managers, facility managers, and maintenance managers
- Engineers and operational managers responsible for assets
- Risk and compliance officers
- Consultants and auditors involved in asset management systems
- Professionals responsible for lifecycle management, performance monitoring, and value optimization

Individual Benefits

Key competencies that will be developed include:

- Ability to implement ISO 55001 integrated asset management systems
- Skills to optimize asset lifecycle performance and reliability
- Knowledge of risk assessment, mitigation, and performance metrics
- Expertise in aligning asset management with organizational strategy
- Practical tools for monitoring, measuring, and improving asset performance
- Preparation for ISO 55001 audit and certification

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved asset utilization and performance
- Reduced operational and maintenance costs
- Enhanced risk management and compliance with standards
- Strategic alignment of assets with organizational goals
- Data-driven decision-making in asset planning and investment
- Strengthened operational efficiency and sustainability

Instructional Methodology

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

- Strategy Briefings – Overview of ISO 55001, asset management principles, and frameworks
- Case Studies – Real-world examples of successful AMS implementation
- Workshops – Hands-on exercises to develop asset management policies, plans, and performance metrics
- Peer Exchange – Group discussions on challenges, lessons learned, and best practices
- Tools – Templates and checklists for ISO 55001 implementation, audits, and monitoring

MAWA EVENTS

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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 ISO 55001 and Asset Management Principles

Module 1: Overview of ISO 55001 (07:30 – 09:30)

- Introduction to ISO 55001 standards
- Importance of integrated asset management
- Key principles and requirements

Module 2: Asset Management System Framework (09:45 – 11:15)

- AMS lifecycle and strategic alignment
- Policy, objectives, and organizational context

Module 3: Asset Management Roles & Responsibilities (11:30 – 01:00)

- Leadership and accountability in asset management
- Stakeholder engagement

Module 4: Workshop – Asset Management Assessment (02:00 – 03:30)

- Evaluating organizational readiness and gaps

Day 2: Planning and Risk Management

Module 1: Asset Management Planning (07:30 – 09:30)

- Developing asset management objectives and plans
- Linking strategy to operational execution

Module 2: Risk Assessment and Mitigation (09:45 – 11:15)

- Identifying asset-related risks
- Techniques for risk evaluation and mitigation

Module 3: Performance Metrics and KPIs (11:30 – 01:00)

- Monitoring asset performance and efficiency
- Establishing measurable targets

Module 4: Workshop – Risk and Performance Mapping (02:00 – 03:30)

- Hands-on exercises in risk assessment and KPI selection

Day 3: Implementation of Asset Management Systems

Module 1: Process and Resource Management (07:30 – 09:30)

- Resource planning and optimization
- Operational controls and procedures

Module 2: Maintenance and Lifecycle Management (09:45 – 11:15)

- Lifecycle cost analysis and optimization
- Preventive and predictive maintenance strategies

Module 3: Information and Documentation Management (11:30 – 01:00)

- Data collection, reporting, and analysis
- Documentation for audit readiness

Module 4: Workshop – AMS Implementation (02:00 – 03:30)

- Creating practical asset management plans and processes

Day 4: Performance Evaluation and Improvement

Module 1: Monitoring and Measurement (07:30 – 09:30)

- Asset performance evaluation techniques
- Data-driven decision-making

Module 2: Internal Audit and Compliance (09:45 – 11:15)

- Preparing for ISO 55001 audits
- Ensuring compliance and continuous improvement

Module 3: Corrective Actions and Improvement Plans (11:30 – 01:00)

- Identifying non-conformities and implementing improvements
- Lessons learned and best practices

Module 4: Workshop – Performance Evaluation (02:00 – 03:30)

- Hands-on exercises in monitoring and improvement planning

Day 5: Strategic Integration and Certification Preparation**Module 1: Integrating AMS into Organizational Strategy (07:30 – 09:30)**

- Aligning asset management with business objectives
- Strategic decision-making using asset data

Module 2: Continuous Improvement and Sustainability (09:45 – 11:15)

- Techniques for ongoing enhancement
- Sustainability and long-term asset planning

Module 3: ISO 55001 Certification Readiness (11:30 – 01:00)

- Steps for audit preparation and compliance validation
- Documentation and evidence management

Module 4: Workshop & Course Wrap-Up (02:00 – 03:30)

- Capstone exercise: implementing an integrated AMS
- Peer review, feedback, and final Q&A

Certification

Participants will receive a Certificate of Completion in ISO 55001 – Complete Integrated Asset Management, validating their expertise in implementing and managing an integrated asset management system according to ISO 55001 standards.

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