ISO 55001 Foundation Asset Management System Training

29 August – 2 September 2027
Doha

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ISO 55001 Foundation Asset Management System Training

Ref: 103600620_107922 **Date:** 29 August – 2 September 2027 **Location:** Doha **Fees:** 7000 Euro

Course Overview

The ISO 55001 Foundation Asset Management System Training Course provides participants with a structured introduction to the concepts, principles, and requirements of asset management based on ISO 55001:2024.

The course explains how organizations can establish an Asset Management System, or AMS, that connects asset-related decisions with corporate strategy, operational priorities, stakeholder expectations, and long-term value creation. Participants examine the relationship between ISO 55000, ISO 55001, and ISO 55002 and develop a clear understanding of asset management policy, objectives, governance, lifecycle planning, risk management, performance monitoring, internal audits, management reviews, and continual improvement.

Practical discussions and workplace examples demonstrate how organizations can balance asset cost, risk, opportunity, performance, and sustainability throughout the asset lifecycle. Participants also explore the responsibilities of top management, the importance of reliable asset information, and the controls needed to maintain an effective AMS.

The course follows the PECB ISO 55001 Foundation competency domains and prepares participants for the ISO 55001 Foundation certificate examination. It is suitable for professionals who need a practical understanding of ISO 55001 requirements without requiring previous asset management or management-system experience.

Course Objectives

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

- Explain the fundamental concepts and principles of asset management.
- Describe the purpose and structure of an Asset Management System.
- Explain the relationship between ISO 55000, ISO 55001, and ISO 55002.
- Interpret the main requirements of ISO 55001:2024.
- Relate organizational objectives to asset management policy and objectives.
- Recognize asset-related risks, opportunities, costs, and performance requirements.
- Explain leadership responsibilities within an Asset Management System.
- Identify the information, resources, competencies, and controls required for an AMS.
- Describe internal audit, management review, corrective action, and continual improvement requirements.
- Prepare for the ISO 55001 Foundation certificate examination.

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Target Audience

This course is suitable for:

- Asset management professionals and coordinators
- Maintenance and reliability professionals
- Facilities and infrastructure management personnel
- Engineering and technical professionals
- Operations and production personnel
- Quality and management-system professionals
- Risk, governance, and compliance personnel
- Project and capital-program professionals

Targeted Departments

- Asset Management
- Maintenance and Reliability
- Engineering
- Operations
- Facilities Management
- Infrastructure Management
- Quality and Excellence
- Risk and Compliance

Targeted Industries

- Oil and Gas
- Energy and Utilities
- Manufacturing
- Transportation and Logistics
- Aviation and Airports
- Railways and Metro Systems
- Construction and Infrastructure
- Telecommunications
- Mining and Metals

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Course Offerings

- Clear interpretation of ISO 55001:2024 requirements
- Practical asset management terminology and principles
- Asset lifecycle, risk, cost, and performance examples
- AMS policy and objective development exercises
- Leadership and governance discussions
- Internal audit and management-review examples
- Examination-style quizzes and knowledge checks
- ISO 55001 Foundation examination preparation

Training Methodology

The course uses an interactive and application-oriented methodology that combines instructor presentations, structured discussions, practical examples, group exercises, and examination-style quizzes.

Participants work through the core components of an Asset Management System and examine how ISO 55001 requirements apply to real organizational situations. Activities include identifying organizational context, defining stakeholders, developing asset management objectives, reviewing asset-related risks, examining lifecycle decisions, and assessing performance indicators.

The methodology connects the clauses of ISO 55001 with practical workplace responsibilities rather than treating the standard as an isolated compliance document. Participants are encouraged to exchange experiences, discuss asset management challenges, and evaluate how different functions contribute to asset value.

Knowledge reviews and sample questions are incorporated throughout the programme to reinforce the two official competency domains and prepare participants for the certificate examination.

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Course Agenda

Day 1: Asset Management Fundamentals and ISO 55001

- **Topic 1:** Understanding Asset Management Concepts
- **Topic 2:** Assets, Asset Types, and Asset Portfolios
- **Topic 3:** Asset Lifecycle Management Principles
- **Topic 4:** Creating Value through Asset Management
- **Topic 5:** Balancing Cost, Risk, and Performance
- **Topic 6:** Introduction to ISO 55001 and the ISO 55000 Family
- **Reflection & Review:** Reflection & Review

Day 2: Organizational Context and AMS Leadership

- **Topic 1:** Understanding Organizational Context
- **Topic 2:** Identifying Stakeholder Needs and Expectations
- **Topic 3:** Defining the Asset Management System Scope
- **Topic 4:** Leadership Commitment and Accountability
- **Topic 5:** Developing the Asset Management Policy
- **Topic 6:** Establishing AMS Roles and Responsibilities
- **Reflection & Review:** Reflection & Review

Day 3: Asset Management Planning and Decision-Making

- **Topic 1:** Setting Asset Management Objectives
- **Topic 2:** Aligning Asset Plans with Business Strategy
- **Topic 3:** Managing Asset Risks and Opportunities
- **Topic 4:** Strategic Asset Management Planning
- **Topic 5:** Lifecycle Cost and Performance Decisions
- **Topic 6:** Managing Change within the AMS
- **Reflection & Review:** Reflection & Review

Day 4: AMS Support and Operational Management

- **Topic 1:** Providing AMS Resources and Competence
- **Topic 2:** Building Awareness and Communication
- **Topic 3:** Managing Asset Information and Data Quality
- **Topic 4:** Controlling Documented Information
- **Topic 5:** Operational Planning and Process Control
- **Topic 6:** Managing Asset Lifecycle Activities
- **Reflection & Review:** Reflection & Review

Day 5: Performance Evaluation and Continual Improvement

- **Topic 1:** Monitoring and Measuring AMS Performance
- **Topic 2:** Developing Asset Performance Indicators
- **Topic 3:** Conducting Internal AMS Audits
- **Topic 4:** Performing Management Reviews
- **Topic 5:** Managing Nonconformities and Corrective Actions
- **Topic 6:** Continual Improvement and Examination Preparation
- **Reflection & Review:** Final Review and Practice Questions

FAQ

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

No formal qualifications or previous ISO 55001 experience are required. The course is suitable for beginners and professionals who want to develop a foundational understanding of asset management systems. General experience in asset management, maintenance, engineering, operations, facilities, quality, risk, or management systems may help participants relate the course concepts to workplace applications.

How long is each day's session, and is there a total number of hours required for the entire course?

Each day's session is generally structured to last around 4–5 hours, with breaks and interactive activities included. The total course duration spans five days, providing approximately 20–25 hours of instruction.

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What is the difference between managing assets and implementing an ISO 55001 Asset Management System?

Managing assets focuses on individual activities such as operating, maintaining, repairing, replacing, and disposing of equipment or infrastructure. An ISO 55001 Asset Management System provides a broader organizational framework that connects these activities with business strategy, stakeholder expectations, governance, risk, cost, performance, and long-term value.

The AMS coordinates responsibilities, policies, objectives, information, resources, decision-making, performance monitoring, and continual improvement across the organization. Therefore, ISO 55001 is not only a maintenance or engineering standard; it is a strategic management-system standard that helps different departments work together to achieve value from assets throughout their lifecycles.

How This Course is Different from Other ISO 55001 Foundation Courses

The ISO 55001 Foundation Asset Management System Training Course stands out by combining the core PECB ISO 55001 Foundation competency domains with practical workplace applications across the complete asset lifecycle. Rather than presenting ISO 55001 as a collection of clauses, the course explains how each requirement supports strategic alignment, asset value, lifecycle performance, risk control, and informed decision-making.

Participants examine the relationship between ISO 55000, ISO 55001, and ISO 55002 and learn how an Asset Management System connects leadership, engineering, maintenance, operations, finance, risk, procurement, and performance management. Practical discussions cover asset portfolios, stakeholder expectations, asset management policy, strategic asset management planning, data quality, operational controls, internal audits, management reviews, and continual improvement.

The five-day format provides more time than a standard foundation programme to explore concepts, apply requirements, discuss industry examples, and prepare for the examination. It is particularly valuable for professionals working in asset-intensive sectors such as energy, utilities, oil and gas, manufacturing, transport, infrastructure, facilities, and public services.

By balancing ISO 55001 requirements with real asset management challenges, the course enables participants to understand not only what the standard requires, but how its principles can improve asset reliability, lifecycle value, organizational performance, and sustainable decision-making.