



AGILE LEADERS
Training Center

14 - 18 Sep 2027
عن بعد

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Course Overview:

The ISO 55001 Lead Implementer Training Course provides participants with the knowledge and implementation skills required to establish, operate, maintain, evaluate, and continually improve an Asset Management System AMS based on ISO 55001:2024.

The course examines how organizations can align asset management activities with corporate strategy, stakeholder expectations, operational priorities, financial objectives, sustainability requirements, and risk management principles. Participants learn how to initiate an AMS implementation project, define its scope, establish governance responsibilities, develop an asset management policy, and prepare a Strategic Asset Management Plan SAMP.

The course also addresses asset management decision-making, asset life cycle planning, information and knowledge management, operational controls, outsourcing, change management, performance evaluation, internal auditing, management review, corrective action, predictive action, and certification audit preparation.

Aligned with the current PECB ISO 55001 Lead Implementer course structure, the programme covers the seven examination competency domains and follows the official five-day sequence: initiation, planning, implementation, performance evaluation, continual improvement, certification preparation, and examination.

Course Objectives:

By the end of this ISO 55001 Lead Implementer course, participants will be able to:

- Explain the principles, concepts, terminology, and benefits of asset management.
- Interpret ISO 55001:2024 requirements from an implementer's perspective.
- Establish the business case and governance structure for an AMS implementation.
- Analyse organizational context and relevant stakeholder requirements.
- Determine the scope and boundaries of the Asset Management System.
- Develop an asset management policy, objectives, and Strategic Asset Management Plan.
- Establish risk-based and value-based asset management decision-making criteria.
- Implement life cycle management, operational controls, and supporting processes.
- Evaluate AMS performance through indicators, audits, and management reviews.
- Manage nonconformities, corrective actions, predictive actions, and continual improvement.
- Prepare an organization for an ISO 55001 certification audit.
- Address the seven competency domains of the Lead Implementer examination.

Target Audience:

- Asset Management Managers and Directors
- Asset Management Consultants
- Maintenance and Reliability Managers
- Engineering and Technical Managers
- Operations and Facilities Managers
- Infrastructure and Utilities Professionals
- Asset Owners and Asset Custodians
- Risk, Governance, and Compliance Professionals
- Quality and Management Systems Professionals
- Members of an AMS implementation team
- Professionals responsible for ISO 55001 conformity
- Individuals seeking ISO 55001 Lead Implementer certification

Targeted Departments:

- Asset Management
- Engineering and Maintenance
- Operations
- Facilities Management
- Infrastructure Management
- Quality and Management Systems
- Risk and Compliance
- Finance and Capital Planning
- Procurement and Contract Management
- Information and Data Management
- Internal Audit
- Strategy and Corporate Planning

Targeted Industries:

- Oil and Gas
- Energy and Utilities
- Transportation and Railways
- Roads and Infrastructure
- Manufacturing
- Construction and Engineering
- Aviation and Airports
- Ports and Maritime
- Telecommunications
- Water and Wastewater
- Real Estate and Facilities Management

Course Offerings:

- ISO 55001:2024 requirements interpretation
- AMS implementation planning
- Strategic Asset Management Plan development
- Asset management policy and objectives
- Asset risk and opportunity management
- Asset life cycle planning
- Performance measurement and evaluation
- Internal audit and management review preparation
- Certification audit readiness
- Lead Implementer examination preparation

Training Methodology:

The training combines structured presentations, clause-by-clause interpretation, guided discussions, practical implementation examples, scenario-based exercises, and examination-oriented review questions.

Participants examine how organizational objectives are translated into asset management objectives, decision criteria, the Strategic Asset Management Plan, and operational asset management plans. Practical activities address stakeholder analysis, AMS scoping, governance responsibilities, risk and opportunity evaluation, asset life cycle controls, performance indicators, internal audits, management reviews, corrective actions, and certification readiness.

The methodology emphasizes the role of the Lead Implementer in coordinating implementation activities across engineering, maintenance, operations, finance, risk, procurement, information management, and senior leadership.

Participants will also consider the enhanced requirements and emphasis of ISO 55001:2024, including asset management decision-making, organizational knowledge, value realization, and predictive action.

Course Agenda

Day 1: Introduction to ISO 55001 and AMS Implementation

- ISO 55000 Family and Asset Management Fundamentals Topic 1: •
- Principles and Benefits of Asset Management Topic 2: •
- Structure and Requirements of ISO 55001:2024 Topic 3: •
- Assets, Asset Portfolios, and Life Cycle Value Topic 4: •
- Organizational Context and Stakeholder Expectations Topic 5: •
- Initiating the AMS Implementation Project Topic 6: •
- Reviewing ISO 55001 fundamentals, asset management principles, organizational context, and implementation priorities. Reflection & Review: •

Day 2: Planning the Asset Management System

- Leadership Commitment and AMS Governance Topic 1: •
- Defining the AMS Scope and Boundaries Topic 2: •
- Developing the Asset Management Policy Topic 3: •
- Identifying Asset Risks and Opportunities Topic 4: •
- Establishing Asset Management Objectives Topic 5: •
- Developing the Strategic Asset Management Plan Topic 6: •
- Evaluating AMS governance, scope, policy, risks, objectives, and strategic planning requirements. Reflection & Review: •

Day 3: Implementing and Operating the AMS

- Resources, Roles, Responsibilities, and Competence Topic 1: •
- Awareness, Communication, and Stakeholder Engagement Topic 2: •
- Asset Information and Knowledge Management Topic 3: •
- Asset Life Cycle Planning and Control Topic 4: •
- Operational Planning and Change Management Topic 5: •
- Managing Outsourced Asset Management Activities Topic 6: •
- Reviewing resources, communication, asset information, life cycle controls, operational planning, and outsourced activities. Reflection & Review: •

Day 4: Monitoring and Improving AMS Performance

- Asset and AMS Performance Indicators Topic 1: •
- Monitoring, Measurement, Analysis, and Evaluation Topic 2: •
- Planning and Conducting Internal AMS Audits Topic 3: •
- Preparing and Conducting Management Reviews Topic 4: •
- Managing Nonconformities and Corrective Actions Topic 5: •
- Continual Improvement and Predictive Action Topic 6: •
- Assessing performance monitoring, internal auditing, management review, corrective **Reflection & Review:** •
action, and improvement opportunities.

Day 5: Certification Preparation and Examination

- ISO 55001 Certification Process and Audit Stages Topic 1: •
- Reviewing AMS Documentation and Implementation Evidence Topic 2: •
- Identifying and Closing Certification Readiness Gaps Topic 3: •
- Review of the Seven Examination Competency Domains Topic 4: •
- Examination Techniques and Sample Question Review Topic 5: •
- PECB ISO 55001 Lead Implementer Examination Topic 6: •
- Consolidating implementation knowledge, certification readiness, examination **Reflection & Review:** •
domains, and key course learning outcomes.

FAQ:

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

Participants should have a basic understanding of asset management principles and concepts. Experience in maintenance, engineering, operations, facilities, risk management, finance, or management systems will help participants apply the implementation requirements more effectively. No formal certification is required merely to attend the course.

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 4½ hours, with breaks and interactive activities included. The total course duration spans five days, approximately 20½ hours of instruction.

What is the difference between an asset management plan and a Strategic Asset Management Plan?

The Strategic Asset Management Plan establishes the high-level relationship between organizational objectives and asset management objectives. It defines the organization's strategic direction, decision criteria, priorities, governance arrangements, and approach to achieving value from assets.

Individual asset management plans translate this strategic direction into specific activities, responsibilities, resources, schedules, operating controls, maintenance programmes, renewal decisions, and performance indicators for particular asset portfolios or asset groups.

How This Course Is Different from Other ISO 55001 Lead Implementer Courses:

This ISO 55001 Lead Implementer course goes beyond a general explanation of the standard by guiding participants through the complete practical architecture of an Asset Management System. The content follows the current PECB five-day course sequence and addresses all seven Lead Implementer examination domains while maintaining a strong workplace implementation focus.

Participants examine how to connect corporate objectives with asset management policy, strategic planning, investment decisions, operational priorities, risk controls, asset information, and measurable performance. Particular attention is given to the Strategic Asset Management Plan, asset management decision-making, life cycle value, stakeholder requirements, organizational knowledge, predictive action, and certification readiness.

The course also reflects significant themes emphasized in ISO 55001:2024, including structured decision-making, value realization, knowledge management, risk and opportunity effectiveness, and proactive intervention based on asset condition and performance information. Rather than treating ISO 55001 as an isolated compliance framework, the programme demonstrates how engineering, maintenance, operations, finance, procurement, risk, information management, and leadership must work together to implement an effective AMS.

Participants leave with a clear implementation pathway and practical tools that can be adapted to their organization's assets, scale, operational environment, and strategic priorities.

فئات الدورات التدريبية

الدورات التدريبية في مجال البيئة والاستدامة	دورات إدارة الجودة وتطوير العمليات
دورات إدارة و تحليل البيانات ودورات علم البيانات	دورات إدارة و تطوير الموارد البشرية
دورات الذهن السيرياني ودورات تقنية المعلومات	دورات الاتصال الجماهيري و السياسات والعلاقات العامة
دورات التدريب القانوني والهشتريات والتعاقدات	دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات
دورات الحوكمة وإدارة المخاطر والامتثال	دورات السكرتارية و إدارة المكاتب
دورات الصحة والسلامة والذهن المهني	دورات الصيانة ودورات المجالات الهندسية المتنوعة
دورات المحاسبة و التهويل و دورات الإدارة المالية	دورات المهارات الشخصية وتطوير الذات
دورات في مجالات القيادة والإدارة	دورات معتمدة من قبل هيئات دولية
دورات مكتب إدارة المشاريع وإدارة المشاريع الرشيقية	



معدن التدريب

أكر غانا	أثينا اليونان	أبوظبي الإمارات العربية المتحدة
الجبيل المملكة العربية السعودية	استنبول تركيا	أهستردام هولندا
الرياض المملكة العربية السعودية	الدوحة قطر	الدار البيضاء المغرب
المنامة مملكة البحرين	الكويت الكويت	القاهرة مصر
بانكوك تايلند	باكو أذربيجان	باريس فرنسا
برلين ألمانيا	برشلونة إسبانيا	براغ جمهورية التشيك
تيليسي جورجيا	بوكيت تايلاند	بورتو البرتغال
جنيف سويسرا	جاكارتا جمهورية إندونيسيا	تورنتو كندا
روما إيطاليا	حلي الإمارات العربية المتحدة	جوهانسبرغ جنوب أفريقيا
سنغافورة سنغافورة	سان دييغو الولايات المتحدة الأمريكية	زنجان تنزانيا
شيكاغو الولايات المتحدة الأمريكية	شرم الشيخ مصر	سيول كوريا الجنوبية
طوكيو اليابان	طشقند أوزبكستان	طرابزون تركيا
فرانكفورت ألمانيا	عن بعد منصة زووم	عمان المملكة الأردنية الهاشمية



مدن التدريب

كيب تاون جنوب إفريقيا	كوالالمبور ماليزيا	فيينا النمسا
لندن المملكة المتحدة	لشبونة البرتغال	لانكاوي ماليزيا
مسقط سلطنة عمان	هدريد اسبانيا	ماربيا اسبانيا
ميونخ ألمانيا	ميلان إيطاليا	مونترو سويسرا
	نيويورك الولايات المتحدة الأمريكية	نيروبي كينيا