ISO 55001:2024 Lead Auditor Asset Management Training

18 – 22 January 2027
Prague

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Ref: 103600663_110115 **Date:** 18 – 22 January 2027 **Location:** Prague **Fees:** 7500 Euro

Overview

Organizations managing physical infrastructure and capital equipment face growing demands to realize asset value while balancing risk, lifecycle cost, and operational performance. The ISO 55001:2024 Lead Auditor Asset Management Training equips practitioners with the knowledge and assessment methodologies required to audit asset management systems against ISO 55001:2024. Participants examine asset lifecycle management, strategic asset management plans, decision-making frameworks, and conformity assessment principles established in ISO 19011 and ISO/IEC 17021-1. The curriculum prepares professionals to evaluate objective evidence, manage audit teams, and conduct formal management system evaluations. This course is delivered by Agile Leaders Training Center.

Who Should Attend

- Auditors preparing to lead independent first-, second-, and third-party asset management system audits.
- Internal auditors responsible for verifying conformance against ISO 55001:2024 requirements.
- Asset managers and maintenance leaders seeking to evaluate organizational lifecycle practices.
- Reliability, engineering, and plant supervisors tasked with managing physical asset risks.
- Quality and compliance managers structuring governance frameworks for capital assets.

Departments and Industries

This programme serves technical and assurance professionals across asset-intensive sectors requiring disciplined governance and asset lifecycle control.

- Asset Management and Lifecycle Planning Divisions in Energy and Utilities
- Maintenance and Reliability Units in Oil, Gas, and Petrochemicals
- Assurance and Quality Compliance Teams in Transportation and Rail Networks
- Engineering and Technical Services in Water and Wastewater Treatment
- Infrastructure and Facilities Management in Mining and Heavy Manufacturing

Learning Objectives

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

- Interpret ISO 55001:2024 management system requirements across complex operating contexts.
- Assess the alignment of a Strategic Asset Management Plan with corporate objectives.
- Apply ISO 19011 audit principles and ISO/IEC 17021-1 conformity processes to asset portfolios.
- Establish audit scopes, build risk-based audit plans, and structure detailed checklists.
- Gather and verify objective evidence through systematic interviewing and operational sampling.
- Draft structured nonconformity reports and evaluate post-audit corrective action plans.

Course Agenda

Day 1: Asset Management Foundations and Standard Requirements

- Asset management principles, terminology, and fundamentals under ISO 55000
- Structure, requirements, and key updates introduced in ISO 55001:2024
- Asset portfolio categorization, criticality determination, and lifecycle stages
- Value realization, service delivery objectives, and performance trade-offs
- Alignment between asset management systems and integrated management structures

Day 2: Context, Strategy, and Operational Alignment

- Organizational context, stakeholder expectations, and asset boundaries
- Leadership accountability, asset policy formulation, and governance structures
- Evaluating Strategic Asset Management Plans and asset management objectives
- Risk identification, opportunity assessment, and decision-making criteria
- Assessing resource allocation, information management, and workforce competence

Day 3: Audit Planning, Governance, and Preparation

- Audit principles, ethics, and professional conduct guided by ISO 19011
- Conformity assessment protocols and audit stages under ISO/IEC 17021-1
- Defining audit scope, objectives, criteria, and resource requirements
- Formulating risk-based audit plans and division of audit team responsibilities
- Developing specialized ISO 55001 audit checklists and working documents

Day 4: Audit Execution and Evidence Collection

- Conducting structured opening meetings and managing audit communications
- Stage 1 documentation reviews and management system maturity appraisal
- Stage 2 on-site process audits, facility walkthroughs, and physical sampling
- Interviewing technical personnel, operators, and cross-functional teams
- Corroborating asset maintenance records, condition data, and performance indicators

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Day 5: Findings, Reporting, and Corrective Action

- Evaluating audit evidence, determining conformity, and identifying system gaps
- Grading audit findings between major nonconformities and minor deficiencies
- Drafting factual, evidence-based audit reports and presentation protocols
- Conducting closing meetings and communicating conclusions to leadership
- Evaluating root cause analyses and monitoring corrective action follow-up

Practical Exercises

Participants complete applied audit simulations to strengthen practical evaluation techniques and reporting rigor.

- Suggested activity: Review a Strategic Asset Management Plan to determine alignment with asset objectives.
- Suggested activity: Construct an ISO 55001 audit checklist tailored to maintenance and operations processes.
- Suggested activity: Conduct a simulated Stage 2 audit interview evaluating asset risk management controls.
- Suggested activity: Formulate a nonconformity report based on asset failure and preventative maintenance records.

FAQs

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

No formal certification is required to attend. However, participants should have basic knowledge of asset management concepts, the Plan-Do-Check-Act cycle, organizational risk management, and management systems. Prior experience in asset management, maintenance, engineering, operations, auditing, quality, or compliance is beneficial.

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

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

Does completing this course automatically make a participant a certified ISO 55001 Lead Auditor?

No. Completing the training develops the required knowledge and auditing skills, but professional certification is a separate process administered by an independent certification body. Depending on the chosen credential, candidates may need to pass an examination and demonstrate relevant professional and management system audit experience.

Conclusion

Participants conclude this training equipped to plan, conduct, and report systematic management system evaluations. By applying disciplined auditing protocols to asset lifecycles, governance structures, and maintenance strategies, lead auditors deliver actionable assessments that verify conformity, mitigate physical asset risks, and support sustainable operational performance.