



Fee

99,00 €

Final exam only

Course technical sheet

Auditor/Lead Auditor ISO 50001 (Energy Management System – EnMS)

Course code

ISO50001_LA

Test duration

60 min

Passing score

70%

Issued

28/05/2026

Executive summary

The Auditor/Lead Auditor ISO 50001 (Energy Management System – EnMS) course is designed to train professionals in conducting audits according to the ISO 50001 standard on energy management systems. Participants will gain skills in identifying, evaluating, and verifying requirements related to energy efficiency within organizations. The course covers auditing methodologies compliant with ISO 19011 and ISO/IEC 17021-1 standards, incorporating practical cases and simulations of real situations, such as managing energy performance indicators (EnPIs) and assessing energy impacts in design and operations. The goal is to prepare auditors capable of planning, executing, and reporting effective audits to ensure continuous improvement in energy management. The course duration is one hour, with a final assessment to certify acquired skills. It is aimed at professionals working or intending to work in energy management, providing operational tools for energy control, regulations, and sustainability.

Certification process

- Registration or login to the Academy platform.
- Completion of the final course examination only. Any training or preparation may be completed externally or through other channels.
- The test questions refer to the objectives, skills and topics described in this technical sheet.
- Assessment of the result, possible validation and certificate issuance according to the rules applicable to the course.

Important note

On Academy, candidates take only the final course examination. Any training or preparation activity may be delivered externally or through other channels. The test questions refer to the topics described in this technical sheet and in the course syllabus summary.

Syllabus summary

ISO 50001; ISO 19011; ISO/IEC 17021-1

Learning Objectives

- Understand the requirements of ISO 50001 energy management systems
- Apply audit methodologies aligned with ISO 19011 and ISO/IEC 17021-1
- Conduct first, second, and third-party audits

Competencies Acquired

- Planning and performing EnMS audits

Certification Bodies Management systems

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- Analyzing and evaluating Energy Performance Indicators (EnPIs)
- Managing nonconformities and follow-up activities

Target Audience

- Energy auditors
- Quality/environment/energy system managers
- Sustainability consultants and professionals

Prerequisites

- Basic knowledge of ISO 50001 and ISO 19011
- Recommended experience in energy management or auditing

Syllabus

- Introduction to ISO 50001 and regulatory context
- Audit approach according to ISO 19011 and ISO/IEC 17021-1
- Management and analysis of EnPIs
- Case studies and audit simulations
- Final exam preparation

Teaching Methodology

- Lectures
- Practical exercises and simulations
- Discussion of real cases

Assessment Method

- Multiple-choice test with 70% passing score

Duration

- 60 minutes

Certification

- Certificate upon passing final test

Expected Outcomes

- Auditors competent in conducting effective energy management system audits and supporting continuous improvement