



Fee

99,00 €

Final exam only

Course technical sheet

Internal Auditor – Energy Management System (ISO 50001:2018)

Course code

ISO50001_AUDINT_L

Test duration

90 min

Passing score

70%

Issued

28/05/2026

Executive summary

The "Internal Auditor – Energy Management System (ISO 50001:2018)" course equips professionals with the skills required to conduct internal audits of Energy Management Systems compliant with ISO 50001:2018. Covering detailed technical requirements and ISO 19011:2018 auditing guidelines, participants learn to plan and execute effective audits, verify regulatory compliance, evaluate energy performance using EnPI and energy baseline (EnB) indicators, and manage nonconformities, findings, and corrective actions. The course offers practical tools for analyzing energy data, sampling, and assessing the effectiveness of improvement actions across diverse industrial contexts such as chemical, metalworking, food processing plants, and data centers. Exercises focus on realistic internal audit cases, sharpening the ability to identify evidence gaps and propose appropriate corrective measures, emphasizing data quality, traceability, and consistent normalization. Upon completion, attendees will be capable of contributing to the continuous improvement of their organization's energy management system through targeted audits and advanced competences.

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 50001:2018 (Energy Management System – requirements with guidance for use) + ISO 19011:2018 (guidelines for auditing management systems) + EnPI/EnB principles, energy review, audit planning, evidence handling, findings and corrective actions

Learning Objectives

- Provide detailed knowledge of ISO 50001:2018 and ISO 19011:2018 guidelines for internal audits
- Develop skills for planning, conducting, and managing energy internal audits

Certification Bodies Management systems

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- Apply EnPI/EnB principles for energy performance evaluation
- Manage evidence, findings, nonconformities, and corrective actions for Energy Management Systems

Skills Acquired

- Conduct internal audits compliant with ISO 50001:2018
- Analyze and interpret energy data and indicators
- Assess system compliance and effectiveness
- Prepare audit reports and propose corrective actions

Target Audience

Energy management professionals, internal auditors, quality and environmental managers, energy technicians.

Prerequisites

Basic knowledge of Management Systems and familiarity with energy principles recommended.

Course Content

- Introduction to ISO 50001:2018 and ISO 19011:2018
- Audit principles and planning
- EnPI and EnB: definitions and applications
- Evidence handling, findings and corrective actions
- Real case studies and practical exercises

Teaching Method

Theoretical lessons combined with practical case studies and simulated audit exercises.

Evaluation Method

Final test with a pass threshold of 70%.

Duration

90 minutes.

Certification

Certificate of attendance issued upon passing the test.

Expected Outcomes

Ability to perform internal audits according to ISO 50001 and contribute to continuous energy management improvement.