

ISO 50001 Energy Management System

Course Outline

Day 1: Introduction to Energy Management Systems (EnMS) and ISO 50001

- Course objectives and structure
- Standards and regulatory frameworks
- Certification process
- Fundamental principles of Energy Management Systems
- Energy Management Systems (EnMS)

Day 2: Audit principles, preparation and launching of an audit

- Fundamental audit concepts and principles
- Evidence-based audit approach
- Initiating the audit
- Stage 1 audit
- Preparing the stage 2 audit (on-site audit)
- Stage 2 audit (Part 1)

Day 3: On-site audit activities

- Stage 2 audit (Part 2)
- Communication during the audit
- Audit procedures
- Creating audit test plans
- Drafting audit findings and non-conformity reports

Day 4: Closing the audit

- Documentation of the audit and the audit quality review
- Closing the audit
- Evaluating action plans by the auditor
- Benefits of the initial audit
- Managing an internal audit program
- Competence and evaluation of auditors
- Closing the training

Day 5: Certification Exam