



ISO 50001 Lead Auditor



Your partner
in progress

Course descriptive

Gain the knowledge and skills to conduct and lead an Energy Management Systems (EnMS) audit in accordance with internationally recognized best practice techniques.

You will grasp the key principles and practices of an effective EnMS audit in accordance with ISO 19011 “Guidelines for auditing management systems”. Using a systematic approach, you will be guided through the entire audit process from initiation to reporting on audit findings, and follow-up; that establishes conformity and enhances energy performance.

Pedagogical objectives

- Plan, conduct and follow-up on auditing activities that add real value
- Build stakeholder confidence by leading and managing the EnMS audit process
- Grasp the application of risk-based thinking, leadership and process management
- Conduct a second-party EnMS audit
- Meet audit team leader training requirements for certification

Skills to be acquired

Upon completion, you should be able to:

- Explain the purpose of an EnMS, EnMS standards, management system audit, of third-party certification, and the business benefits of improved energy performance
- Explain the role of an auditor to plan, conduct, report and follow-up an EnMS audit in accordance with ISO 19011 and ISO/IEC 17021, as appropriate
- Plan, conduct, report and follow-up an audit of an EnMS to establish conformity (or otherwise) with ISO 50001, and in accordance with ISO 19011 and ISO/IEC 17021 where appropriate.

Targeted audience

Any person or team tasked with, or interested in, leading an audit of an organization's EnMS and those seeking to become a second-party EnMS auditor based on ISO 50001.

Please note: The implementation and the auditing of an ISO 50001-based EnMS requires different skill sets. Delegates with an interest in implementation should consider completing our implementation course.

Prerequisites

It is a prerequisite that you attend our ISO 50001 requirements course (or equivalent); as the requirements of ISO 50001:2018 are not taught on this course, and preferably an energy management fundamentals course. It will also help if you have experience in conducting some internal audits and supplier audits.

Duration

5 days – 35 hours

Pedagogical, technical and framing means

Course materials including :

- Introduction to the training, detailed program and security assignments
- Course presentation, theory and activities/ role plays
- Answers to the activities
- Videos
- Additional documents, distributed during the sessions, to use for the activities
- Attendance sheet to be signed

Assessment specifics

- Questionnaire to assess the knowledge at the end of the training
- Customer survey

What is included?

- Course materials, provided electronically
- Letter of attestation
- Official certificate



Agenda

Day 1

Time	Topic
09:00	Benefits to you, welcome and introductions
	Course aim, objectives, and structure
	ISO 50001:2018 components overview
	Intended outcome: ISO 50001:2018
	Requirements for internal audits
	Auditing terms and definitions
	What is a management system audit
	Plan, execute, report, close-out
	Audit process, evidence and criteria
	Principles of auditing and typical audit activities
	Audit program
	Audit objective, scope and criteria
	Auditor responsibilities
	Initiating the audit
	Document review
	Sampling
	Audit plan
	Work documents, checklist preparation
	Opening meeting
	Communications and personal baheviour
	Verifying information and recording the facts
	Internal audit video
17:00	End of day 1



Agenda

Day 2

Time	Topic
09:00	Day 1 review
	KNOWLEDGE continued
	Purpose and benefits of an EnMS
	Terminology
	Plan-Do-Check-Act framework
	EnMS processes
	Explaining the difference: compliance vs conformance
	Role of the EnMS auditor
	EnMS documented information
	SKILLS
	Initiating the audit
	Document review
	Audit plan
	Work documents
	Opening meeting
	Observations
	Interviewing 'Top Management'
18:00	Close day 2



Day 3

Time	Topic
08:30	Specimen exam: Sections 1 and 2 review and process audit preparation
	Calibration against any documented information, i.e. confirm line-of-sight for the EnMS
	Auditing the organization's 'EnMS planning process'
	Auditing ORS-SG store operations
	Audit trails
	Auditing ORS-SG company van
	Auditing evidence for energy performance improvement
18:00	Close day 3

Day 4

Time	Topic
08:30	Specimen exam: Section 3 review
	SKILLS
	Auditing ORS-SG store refurbishment
	Nonconformities
	Closing meeting
	Audit report
	Audit follow-up
	Specimen exam: section 4
18:00	Close day 4



Day 5

Time	Topic
08:15	Hand in homework – audit report
	Final questions/final revision
	Evaluation
	Introduction/readiness to the exam
	Exam
	End of course

*These training modules are eligible to the subsidizing by the public institutions in France (OPCO);

**Each delegate receives a training convention after enrolment.

***Please note that for the public sessions, you have until 48h before the start of the course to confirm your enrolment. For the in-house sessions, the deadline would be two weeks prior to the start of the course.

****Should you be in a disabled situation, please contact us and indicate what details should be taken into account.

*****You can contact us on training.france@bsigroup.com or **01 89 79 00 40**.