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ISO 50001 LEAD AUDITOR - CERTIFIED

Start Date:	02/08/2026	**End Date:**	06/08/2026
Categories:	HSSE	**Venues:**	Kuwait
Formats:	In Person	**Instructors:**	

OVERVIEW

This course equips participants with the knowledge and skills to conduct comprehensive ISO 50001 audits, focusing on energy management systems. You will learn to plan, execute, and report on audits to ensure compliance and drive continuous improvement in energy performance.

OBJECTIVES

By the end of this course, participants will be able to: – Understand the requirements of the ISO 50001 standard for energy management systems. – Develop the skills to plan and prepare for an ISO 50001 audit, including risk assessment. – Master the techniques for conducting effective on-site and remote audits, including interviewing and evidence gathering. – Learn to identify nonconformities and opportunities for improvement within an energy management system. – Gain proficiency in reporting audit findings and following up on corrective actions. – Understand the role and responsibilities of an ISO 50001 Lead Auditor.

COURSE OUTLINE

1- ISO 50001 Standard Requirements and Principles 2- Audit Planning and Preparation 3- Audit Execution and Evidence Gathering 4- Reporting and Follow-up 5- Lead Auditor Skills and Responsibilities

TARGET AUDIENCE

This certification is designed for individuals responsible for auditing energy management systems, including internal auditors, external auditors, energy managers, environmental managers, and consultants seeking to specialize in ISO 50001.

METHODOLOGY

The course utilizes a blended learning approach, combining instructor-led sessions, case studies, group exercises, role-playing scenarios simulating audit situations, and a final examination to assess competency.

CONCLUSION

Upon successful completion of this course and examination, participants will be certified as ISO 50001 Lead Auditors, capable of independently leading audits of energy management systems and contributing to organizational energy efficiency.

DAILY AGENDA

Day 1: ISO 50001 EnMS Foundations & Key Requirements

Participants explore the evolution of the Energy Management System (EnMS) standard and the business value of implementing ISO 50001, including certification benefits. The day covers core energy definitions and EnMS principles, then dives into ISO 50001:2018 Clause 4 (Context of the Organization) and Clause 5 (Leadership, Policy, and Roles & Responsibilities). It concludes with Clause 6 (Planning), introducing energy performance indicators (EnPIs) through a practical hands-on exercise.

Day 2: EnMS Implementation Requirements & Auditing Fundamentals

Participants identify and interpret the key implementation requirements across Clause 7 (Support), Clause 8 (Operation), Clause 9 (Performance Evaluation), and Clause 10 (Improvement). The session then focuses on EnMS documentation structure, procedures, and records required for an effective and auditable system. The day transitions into auditing basics, covering audit definitions, auditing principles, and audit types aligned with ISO 19011:2018, reinforced through a practical workshop and concluding Q&A.

Day 3: Audit & Certification Process: Planning, Stage 1, and Stage 2 Execution

Participants learn the full audit lifecycle and certification journey, including audit planning and clear roles and responsibilities for audit team members. The day covers Stage 1 audit activities such as document review, building the audit plan, and preparing audit checklists. It then advances to Stage 2 audit execution, including opening meetings, audit conduct, questioning techniques, and collecting/verifying objective evidence—supported by a hands-on workshop and structured review/Q&A.

Day 4: Audit Results, Nonconformities, and Corrective Actions (CARs)

This day focuses on evaluating audit outcomes and converting findings into clear, defensible audit reporting. Participants learn how to document and classify audit findings, including nonconformities (NCs), observations, and opportunities for improvement (OFIs). The course then covers corrective action requests (CARs), including classification and follow-up expectations. Participants practice developing Stage 2 audit conclusions and reporting, including presenting findings professionally, through a workshop-based format.

Day 5: Lead Auditor Competence, Auditor Behaviors, and Certification Pathway

Participants review competence requirements for auditors and lead auditors, including the skills and knowledge expected in ISO 50001 audits. The day highlights the personal characteristics and professional behaviors of effective auditors, then applies all learning through a case study. It closes by outlining the process and requirements for achieving ISO 50001 Lead Auditor certification, followed by final review and course conclusion.

For more information, please contact us:
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