



Quality Management & Operational Excellence

ISO 50001-2018 Lead Auditor (Energy Management System)

Course Introduction

ISO 50001:2018 is a new Energy management systems standard which gives organizations the requirements for Energy Management Systems (EnMS). The standard is presently the world's leading energy management system increasingly being adapted by many companies internationally. This training course is designed to provide participants with the skills and knowledge required to perform first-party audits of energy management systems (EnMS) against ISO 50001:2018, in accordance with ISO 19011 and ISO 17021, as applicable.

Target Audience

- practitioners in quality and audits
- Senior members and managers of organisations who need to understand the significance of training employees on quality management
- Quality team members
- Professionals aspiring to undertake a quality-related certification
- Construction project owners
- Design consultants
- Construction contractors

Architects

Non-engineering construction professionals

Learning Objectives

- Gain a comprehensive understanding of the purpose of an EnMS.
- Familiarized oneself with EnMS standards, EnMS audit and third-party certifications.
- Understand documentation and list of procedures and records to check as lead auditor.
- Understand the role of an auditor in the auditing process.
- Effectively Plan, conduct, report and follow up an audit of an EnMS to establish conformity (or otherwise) with ISO 50001:2018 and in accordance with ISO 19011 (and ISO/IEC 17021-1 where appropriate)
- Understand the processes involved in auditing.
- Know about the types of auditing and questioning techniques.
- Understand how to prepare and maintain lead audit records.

Course Outline

- **01 DAY ONE**

Introduction to Energy Management Systems

- ISO 50001:2018: Overview and Planning Clauses
- ISO 50001:2018: Requirements

- **02 DAY TWO**

Process-based EnMS

- Accreditation and certification
- Audit Terms and Definitions and Types
- Auditor Required Competencies, Roles and Responsibilities

- **03 DAY THREE**

Documented Information

- ISO 50001:2018 Audit Process
- Stage 1 audit
- Stage 2 audit

• 04 DAY FOUR

Performing an Audit

- Types of Auditing
- Questioning Techniques
- Lead Audit Checklist

• 05 DAY FIVE

Nonconformity and Corrective Action

- Preparing and Maintaining Lead Audit Records

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
April 21, 2025	April 25, 2025	5 days	4250.00 \$	UAE - Dubai
Aug. 18, 2025	Aug. 22, 2025	5 days	4250.00 \$	UAE - Abu Dhabi
Dec. 29, 2025	Jan. 2, 2026	5 days	4250.00 \$	UAE - Abu Dhabi