



**APEX**  
QUALITY ASSURANCE

3-Day

# ISO 50001:2018 Internal Auditor Training

Energy Management Systems

**Register by phone**

919-635-5581

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# At A Glance

## Internal Auditor Training Energy Management Systems

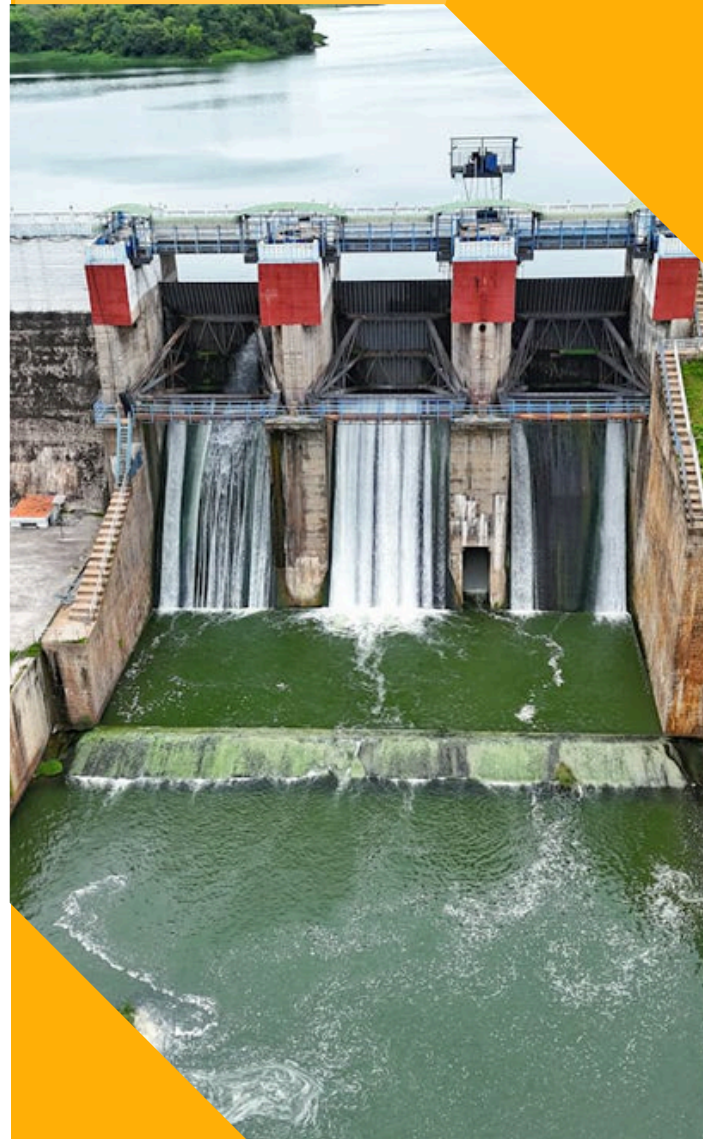
This 3-day course is designed to build competency in ISO 50001:2018 and the internal auditing process for Energy Management Systems (EnMS). Participants will learn how to identify significant energy uses, develop and validate energy performance indicators and baselines, and apply ISO 50001 to drive measurable improvement in organizational energy performance.

Within the course, participants will understand how to evaluate the effectiveness of process-based energy management systems and ensure that energy performance objectives are established, monitored, and consistently fulfilled over time.

Training units within the course include:

- 50001 – Energy Management Systems
- AUDITOR (AU) – Management Systems Auditing

*APEX Quality Assurance is an Exemplar Global Recognized Training Provider (RTP), ensuring this course meets the highest standards for management systems auditor training and certification.*

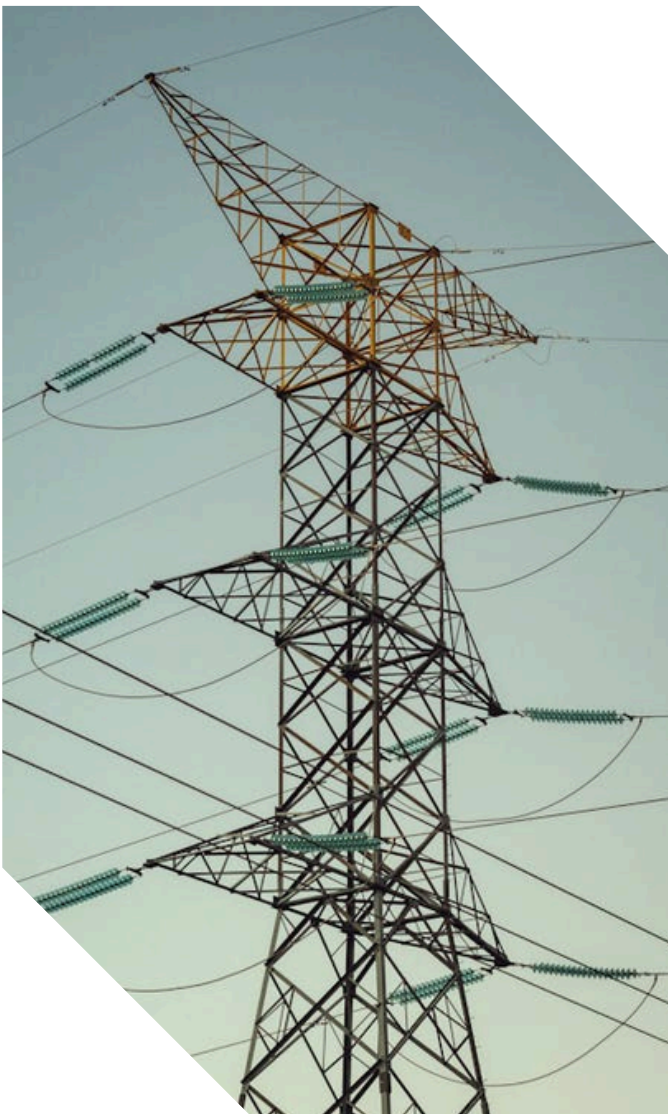


# Who Should Attend

## ISO 50001:2018 Internal Auditor Training Energy Management Systems

This seminar is primarily designed for internal auditor candidates and those responsible for planning, performing, or overseeing internal audits within their organization's Energy Management System. It is also valuable for ISO Managers, Management Representatives, Energy Managers, and all others who would like to develop practical competency in ISO 50001:2018 and the internal auditing process.

This course also benefits a range of professionals including facilities managers, operations managers, sustainability professionals, and continuous improvement specialists seeking to strengthen their organization's energy management program and demonstrate measurable energy performance improvement.



# Seminar Goals

ISO 50001:2018 Internal Auditor Training  
Energy Management Systems

## **This three-day course teaches:**

- Requirements and interpretation of ISO 50001:2018
- Application of the standard for Energy Management Systems
- System management principles and the process approach to auditing
- Conducting an energy review and identifying significant energy uses
- Establishing energy performance indicators and energy baselines
- EnMS policy, objectives, targets, and action plans
- Audit planning, scheduling, and preparation
- Energy legislation and regulatory requirements
- Performing and reporting the audit
- Corrective action and follow-up
- Monitoring, measuring, and improving energy performance

## **Students gain competencies in:**

- Identifying significant energy uses and relevant variables
- Developing and validating energy performance indicators and baselines
- Preparing for an audit and developing process checklists
- Conducting audit investigations and obtaining objective evidence
- Writing nonconformity statements
- Reporting the audit
- Corrective action and follow-up

# Seminar Outline

## ISO 50001 Internal Auditor Training Energy Management Systems

### Day One:

- Introduction and Welcome
- **Lecture:** Introduction to Energy Management Systems
- **Lecture:** Energy Use and Consumption
- **Lecture:** ISO 50001:2018
- **Lecture:** Context of the Organization and Interested Parties
- **Lecture:** Leadership, Policy, and Organizational Roles
- **Workshop:** ISO 50001 Clauses

### Day Two:

- **Lecture:** Conducting the Energy Review
- **Lecture:** Identifying Significant Energy Uses
- **Workshop:** Assessing Energy Uses and Consumption
- **Lecture:** Energy Performance Indicators and Baselines
- **Workshop:** Developing and Validating EnPIs and Baselines
- **Lecture:** EnMS Objectives
- **Workshop:** Energy Objectives and Action Plans
- **Lecture:** Energy Legislation
- **Lecture:** Energy Data Collection,
- **Lecture:** Operational Controls for Significant Energy Uses
- **Lecture:** Internal Audit

### Day Three:

- **Lecture:** Internal Audit Planning and Preparation
- **Lecture:** Performing the Audit
- **Lecture:** Concluding the Audit
- **Lecture:** Corrective Action and Follow-Up
- **Workshop:** ISO 50001 Internal Audit Investigation
- **Exam**

*This course is recognized by Exemplar Global as meeting the training requirements for 50001 Energy Management Systems Auditor personnel certification.*

*Attendees successfully completing the examinations provided in conjunction with this course receive a Certificate of Completion.*

*The Certificate of Completion provides evidence of knowledge competency as an Energy Management Systems Internal Auditor.*