



# **RE024:**

## **ISO 50001: 2018 Energy Management Systems (ISO 50001:2018 Lead Auditor Training & Certification Accredited by IRCA)**

## Training Description:

The aim of this intensive training course and certification is to provide participants with the knowledge and skills required to perform first, second and third party audits of Energy Management Systems against ISO 50001 in accordance with ISO 19011 and ISO/IEC 17021, as applicable.

This training course is meeting the requirements for individuals seeking registration as an Auditor or Lead Auditor for IRCA & CQI.

## Training Objectives:

By the end of the training, participants will able to:

- ✓ Explain the purpose of energy management system, of energy management system standards, of management system audit, of third-party certification and the business benefits of improved performance of the quality and energy management system
- ✓ Explain the role of an auditor to plan, conduct, report and follow up an energy management system audit in accordance with ISO 19011 and ISO/IEC 17021
- ✓ Plan, conduct, report and follow-up an audit of an energy management system to establish conformity (or otherwise) with ISO 50001:2018, and in accordance with ISO 19011 and ISO/IEC 17021.

## Training Designed for:

This course is intended for Management Representatives, core group members and other process heads responsible for establishing, implementing, maintaining and auditing Energy Management System, All employees whose work responsibility directly affects EnMS, Anyone who is responsible conducting first party, second party or third-party audits of industries, Management System Professionals and Consultants, The personnel from the Certification Bodies, Students who wish to learn and develop cross functional skills for the challenging future assignments, consultants or advisor of any Energy Efficiency services/equipment and Energy Professionals.

## Prerequisites:

Participants attending this course are required to have a minimum level of “expected prior knowledge” in the following energy management principles and concepts and requirements:

- A computer or laptop with camera, speaker with proper internet connection
- The Plan, Do, Check, Act (PDCA) cycle and its use in EnMS
- The Basic elements of energy management system and the interrelationship between top management responsibility, procedures, policy, objectives, planning, implementation, risk assessment, measurement correction and corrective action, review and continual improvement
- Principle and methodologies of energy audit
- Important legal and regulatory requirement of country and local energy regulations
- The understanding of energy management system and its scope, terms and definitions, as explain in ISO 50001:2018 standards

## Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client's learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

## Training Program:

### FIVE DAYS:

- ❖ Describe the purpose of an Energy Management System
- ❖ Explain the purpose, content and interrelationship of ISO 50001 and ISO 19011
- ❖ Interpret the requirement of ISO 50001 in the context of audit
- ❖ Explain the roles and responsibilities of an auditor and lead auditor to plan, conduct, report and follow-up an Energy Management System audit and audit in accordance with ISO 19011 and ISO/IEC 17021, as applicable
- ❖ Plan, Conduct, report and follow-up an audit of an Energy Management System to establish conformity/ non –conformity with ISO 50001 and in accordance with ISO 19011 and ISO/IEC 17021, as applicable
- ❖ Course Conclusion
- ❖ POST-ASSESSMENT and EVALUATION

## Methodology of Delivery:

- a. Accelerated learning through Workshops & Exercises
- b. Role play, case study and discussions between the groups and individuals
- c. Mock audit and Presentation of findings

## Examination:

This course includes a 2 hours examination and on successful completion, delegates will be awarded certificate of achievement.

In case the delegate does not qualify the exam but attended the full course can re-sit for the exam with 12 months of course end-date.

## Training Instructor:

CMCT deploys highly experienced Professionals with vast experience in auditing & trainings.

## Training Fees:

**As per the course location** - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01<sup>st</sup> of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

### Training Duration:

40 Hours - 5 Days consecutive

For training registrations or in-house enquiries, please contact:

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