

ISO 50001:2011 Lead Auditor Course



To enable delegates gain knowledge & skills required to perform first, second & third party audits of Energy Management System against ISO 50001:2011 in accordance with ISO 19011 and ISO/IEC 17021.

To impart/enhance practical auditing skills to become internationally recognized certified Auditor/Lead Auditor.

Prerequisite

It is expected that the delegates have knowledge of the requirements of ISO 50001. Additionally, they should possess the knowledge of following energy management principles and concepts :

- the principles of fuel combustion, heat transfer and energy flow
- the relevant sources of energy regulation, guidelines and standards
- the typical methods and technologies for increasing efficiency; energy measurement units, sources, costs, tariffs and scheduling, energy use data analysis methods
- energy performance indicators, monitoring and performance measurement
- the impact of organizational processes and equipment of energy efficiency
- electricity use: motors, drives, lighting, computers

Registered & Head Office-

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Who should attend ?

- Sustainability executives/managers • Management representatives
- Existing internal auditors of Energy Management System
- Energy auditors/consultants
- Personnel wishing to make career in Energy Management System auditing

Course Contents

- EnMS Auditor/Lead Auditor certification & IRCA Registration Scheme
- Structure & Overview of ISO 50001:2011
- Explain the purpose of an Energy Management System (EnMS), EnMS standards, Management System audit and third party Certification
- The P-D-C-A framework
- Interrelationship between Management Responsibility, Energy Policy, Energy Planning, Checking Performance, Management Review and Continuous Improvement
- ISO 19011 Vs ISO 17021
- Audit Planning & preparation
- Audit Tools & Techniques
- Audit Performance
- Recording & Reporting Non Conformities
- Audit report preparation
- Corrective Action & audit follow-up
- Continuous Assessment exercises & feedback,
- Syndicate & role play exercises & feedback
- Written Examination

Certificate

Certificate of successful completion shall be issued to all the delegates who attend entire duration of the course & pass the written examination. Certificate of attendance shall be issued to those who do not pass the written examination.

Duration

5 Days.