

## CQI/CQI/IRCA Registered ISO 50001 Energy Management System Auditor/Lead Auditor Course

(TUV NORD CERT GmbH Course Registration Number 2088)



### Course Feature:

This course is registered with CQI/IRCA (International Register of Certificated Auditors, London) vide course registration no. 2088 and satisfies part of the formal training requirements for individuals seeking registration under the CQI/IRCA Energy Management System Auditor/Lead Auditor Registration Scheme.

### Course Objective:

- ♣ To enable delegates gain knowledge & skills required to perform first, second & third party audits of Energy Management System against ISO 50001:2018 in accordance with ISO 19011 and ISO/IEC 17021.
- ♣ To impart/enhance practical auditing skills to become internationally recognized certified Auditor/Lead Auditor.

### Who should attend?

- ♣ Individuals wishing to become certified auditors/lead auditors wishing to make career in EMS auditing
- ♣ Environment engineers / officers / executives / managers
- ♣ EMS management representative
- ♣ Existing internal auditors of EMS
- ♣ Environment Consultants

### Prerequisite/Prior knowledge:

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

### Course Contents:

- ♣ EnMS Auditor/Lead Auditor certification & CQI/IRCA Registration Scheme
- ♣ Structure & Overview of ISO 50001:2018
- ♣ 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

### Issue of 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

### **Registered & Head Office-**

801, Raheja Plaza I, LBS Marg, Ghatkopar (W), Mumbai 400 086

Email: [trainingindia@tuv-nord.com](mailto:trainingindia@tuv-nord.com) Tel: +91-22-66477000

**Pune:** [training.pune@tuv-nord.com](mailto:training.pune@tuv-nord.com)

**Baroda:** [training.baroda@tuv-nord.com](mailto:training.baroda@tuv-nord.com)

**Mumbai:** [training.mumbai@tuv-nord.com](mailto:training.mumbai@tuv-nord.com)

**Kolkata:** [training.kolkata@tuv-nord.com](mailto:training.kolkata@tuv-nord.com)

**Delhi:** [training.delhi@tuv-nord.com](mailto:training.delhi@tuv-nord.com)

**Bengaluru:** [training.bengaluru@tuv-nord.com](mailto:training.bengaluru@tuv-nord.com)

**Coimbatore:** [training.coimbatore@tuv-nord.com](mailto:training.coimbatore@tuv-nord.com)

**Chennai:** [training.chennai@tuv-nord.com](mailto:training.chennai@tuv-nord.com)

**Hyderabad:** [training.hyderabad@tuv-nord.com](mailto:training.hyderabad@tuv-nord.com)

**Website:** [www.tuv-nord.com/in](http://www.tuv-nord.com/in) **Toll Free:** 1800-209-0902

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