

PR316: ISO 50001 Lead Auditor Training Course (Energy Manage- ment Systems)



TÜV NORD is a well-established and reliable partner for inspection and certification services throughout the world. With more than 1,200 experienced experts, our pool of auditors guarantees the highest level of competence in the certification of management systems, products and personnel.

Learning objectives:

The aim of this course is to provide delegates with the knowledge and skills required to perform first, second and third party audits of management systems against ISO 50001, in accordance with ISO 19011 and ISO 17021, as applicable. In detail, the training course will provide the delegates with the necessary knowledge and skills to become a competent Lead Auditor, including via the following:

- Explain the purpose of an Energy Management System (EnMS), EnMS standards, MS 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
- Differences between 1st-, 2nd-, and 3rd Party Audits
- The role and responsibility of the auditor
- Go through all steps of the audit process in highly interactive exercises: plan, conduct, report and follow up EnMS audits, inclusive role play.

Successful completion of the course (including examination) will result in the issue of a certificate which may be used to support an application to become registered as an IRCA auditor. Being certified as an IRCA auditor is a clear statement that you are a recognized, qualified and capable auditing professional.

Expected Prior knowledge:

It is expected that the delegates have knowledge

- of the requirements of ISO 50001
- of the 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.

Participation in an Energy Management Systems foundation training is recommended.

Group of participants:

All those who require detailed knowledge of EnMS auditing processes are welcome. Management system consultants, management involved in ISO 50001 implementation and maintenance and personnel working with regulatory authorities. The number of participants is limited to max. 20 people.

Duration:	five days with concluding examination
Location:	business hotels, training centers or customers' premises if required
Course instructor:	professional lecturers from TÜV NORD or appointed partner organization

Conditions of participation and payment

Registration must be in writing (e.g. also by fax and email) before the start of the seminar. Applications are recorded in an address file, processed in the order in which they are received, and then confirmed if accepted. Registration is binding for the participant.

It is only possible for the participant to cancel the registration cost-free up to three weeks before the start of the seminar. Cancellation must be in writing. If cancellation is received later or the participant fails to attend or breaks off the seminar prior to completion, we will charge the full amount for the seminar. The relevant date is the date when the cancellation is received at our office. It is possible to name a substitute at any time. Payment of the seminar fee confers entitlement to receive the seminar documents.

The participation fees are net prices. If not stated to the contrary, the current statutory rate of VAT must be added. The participation fee falls due upon receipt of invoice, without any deduction. Please only transfer the stated invoice amount following receipt of invoice, stating the invoice number.

TÜV NORD retains the right to cancel a seminar based on an insufficient number of participants or if reasons for cancellation exist for which TÜV NORD is not responsible (e.g. illness of the trainer, Act of God). The participants are informed immediately in such cases. Any seminar fees that have already been paid are reimbursed; further claims are expressly excluded!

Final provisions

If one or more of the above provisions should be or become invalid, the validity of the remaining conditions shall not be affected. Provision(s) which approach as closely as possible the business or economic objective of the contract and which take due account of the interests of both parties shall replace the ineffective provision(s).

The data required for registration is only transferred to third parties after the current valid data protection regulations have been taken into consideration.

Please use one of the following options for your application:

www.tuv-nord.com/irca

or email:

or phone:

Application

☐ I wish to participate in your training course:
EnMS Lead Auditor

Sender (Please print name)

.....
Company name

.....
First name/Last name

.....
Position

.....
Street

.....
Postcode/Place

.....
Phone

.....
Fax

Attendance fee:

☐ I confirm suitable knowledge of ISO 50001 and energy management principles and concepts.

With my signature I accept the aforementioned conditions of participation.

.....
Place/Date

.....
Firm stamp/Signature