

Scandinavian Academy
Training Center

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Riyadh - Al Khaleej District - Sheikh Abdul Aziz Bin Abdul Rahman Bin Bishr Street - 13223 - Office No. 5 | P.O.BOX : 13224

Course: Energy Management System (BS EN 16001: ISO 50001 Development and Implementation)

Code	City	hotel	Start	End	price	Language - Hours
EE-180SA	Dammam	Hotel Meeting Room	2027-03-28	2027-04-01	12950 SR	En - 25

The Course

Energy and Carbon Management are now seen as essential aspects of successful organisational management. The use of energy resources is fundamental to our outcomes, however often little time is given to its management and control even though the pressures are ever present to reduce organisational costs and usage of resources plus minimisation of perceived environmental impact.

Energy Management, on a day by day basis, is neither overly complex nor difficult once the necessary practices and methodologies, suitable for the organisation, have been learnt and applied.

- Understand the process of Energy Management
- Learn about the International Energy Management Standard (ISO 50001)
- Reduce operational costs, Carbon footprint and Environmental Impact
- Network with others wishing to take control of this aspect of their organisation
- Learn from an international Energy Management practitioner

The Goals

The objectives of this course can be summarised as follows:

- To understand where energy resources come from
- To identify energy ‘Waste’
- To gain expertise in managing the resource once it comes on site
- To enrol all organisational colleagues in the day to day management of energy

resources
- To demonstrate to all parties (Customers and Suppliers) the best practices being carried out

The Process

The programme will be based on a series of PowerPoint modules each supported with exercises and occasional practical exercises involving the delegates.

Delegates will partake in a series of 90 mins. approx. units / modules which will use:

- PowerPoint material
- Videos
- Discussions
- Case Studies and examples
- Role playing in groups based on sample material
- Exercises

Physical example energy audit of local premises

The Benefits

- A developed ability to identify and prioritise energy wasteful activities and practices
- A developed understanding of the contribution that can be made by every member of staff (at ALL levels)
- An ability to gather, process and analyse data and relate it to other aspects of organisational levels of activity
- An ability to develop and project manage solutions that will enhance organisational performance
- Improved individual managerial performance and expertise

The Results

- Effective analysis of how where and when energy resources are employed
- The ability to create a Policy / Strategy for cost reduction
- Better personnel relationships and involvement / awareness
- Compliance with Internationally recognised business practices
- The foundation of methodologies to support future (or current Carbon and Green House Gas reporting)

The Core Competencies

- Develop Policies and Strategies
- Understand Objectives and Targets related to resource usage
- Recording and responding to variations from short period budgets
- Establishing effective metering approaches
- Staff development and Training

Programme Content

Day One : Energy Overview

- Energy & the Environment
- Energy laws, regulations and procedures
- Energy Language
- Carbon Emissions
- Energy Standards
- Energy applications

Day Two : Energy Data & Management

- Invoices

- Metering
- Data manipulation and interpretation
- Management output
- Using data
- Evaluation Management competency

Day Three : Energy Auditing / Review

- Auditing process
- Simple Auditing
- > Management Auditing
- Detailed Auditing
- Process Assessment
- Equipment and activity Assessment

Day Four : Monitoring and Targeting

- Using raw data
- Establishing connections with activity levels
- Benchmarks / KPIs
- Regression Analysis and CuSum
- Establishing budgets and targets for consumption
- Automatic Monitoring & Targeting / Reporting

Day Five : People power

- Sources of help & guidance
- Enrolling Staff members
- Making Policy & Strategy work
- Partnerships
- Information / communication

The Scandinavian Academy for Training Center adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training Center.

Program Timings: 9:00 AM to 2:00 PM

The program includes:

- A daily buffet provided during the sessions to ensure participants comfort.
- A closing ceremony on the final day to distribute certificates and celebrate participants achievements.
- **Note: All prices are exclusive of 15% Value Added Tax (VAT).**

Our Success Partners

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