



*Training Course:
Energy Management System (BS EN 16001/ISO
50001)*

*22 - 26 February 2027
Kuala Lumpur (Malaysia)*

Training Course: Energy Management System (BS EN 16001/ISO 50001)

Training Course code: EW6041 From: 22 - 26 February 2027 Venue: Kuala Lumpur (Malaysia) - Training Course Fees: 6825 € Euro

Introduction

Energy and Carbon Management are now seen as essential aspects of successful organizational 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 organizational costs and usage of resources plus minimization 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 organization, have been learned 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 organization
- Learn from an international Energy Management practitioner

Course Objectives

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 enroll all organizational colleagues in the day to day management of energy resources
- To demonstrate to all parties Customers and Suppliers the best practices being carried out

Target Audience

- Energy managers and coordinators
- Sustainability and environmental specialists
- Facility managers and engineers in energy-intensive industries

- Corporate and governmental energy policy advisors
- Consultants involved in energy efficiency or carbon management
- Professionals working with energy regulation or compliance

Course Outlines

Day 1

Energy Overview

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

Day 2

Energy Data & Management

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

Day 3

Energy Auditing / Review

- Auditing process
- Simple Auditing
- Management Auditing
- Detailed Auditing

- Process Assessment
- Equipment and activity Assessment

Day 4

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 5

People power

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

Registration form on the Training Course: Energy Management System (BS EN 16001/ISO 50001)

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