



*Training Course:
BS EN 16001/ISO 50001 Development and
Implementation*

*17 - 21 March 2025
Barcelona (Spain)
Grupotel Gran Via 678*

Training Course: BS EN 16001/ISO 50001 Development and Implementation

Training Course code: HE7009 From: 17 - 21 March 2025 Venue: Barcelona (Spain) - Grupotel Gran Via 678 Training Course Fees: 6000 € Euro

Introduction

Energy and Carbon Management are critical for reducing costs, resource usage, and environmental impact in organizations. This course simplifies energy management by teaching practical methodologies tailored to organizational needs. Participants will learn about the Energy Management process, the ISO 50001 standard, strategies to cut operational costs and carbon footprint, and gain insights from an international energy management practitioner while networking with peers.

Objectives

- 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

Process

- PowerPoint material
- Videos
- Discussions
- Case Studies and examples
- Role-playing in groups based on sample material
- Exercises
- Physical example energy audit of local premises

Benefits

- A developed ability to identify and prioritize 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 analyze data and relate it to other aspects of organizational levels of activity
- An ability to develop and project management solutions that will enhance organizational performance
- Improved individual managerial performance and expertise

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 recognized business practices
- The foundation of methodologies to support future or current Carbon and Green House Gas reporting

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

Outlines

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

Registration form on the Training Course: BS EN 16001/ISO 50001 Development and Implementation

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