€TRAINING

Energy Management Systems Using ISO 50001

26 - 30 August 2024
London (UK)
Landmark Office Space

Energy Management Systems Using ISO 50001

REF: L1493 DATE: 26 - 30 August 2024 Venue: London (UK) - Landmark Office Space Fee: 6375 Euro

Introduction:

This training program on Energy Management Systems using ISO 5000 provides a clear structure for identifying and then reducing energy consumption in any large business or organization. The focus on reducing energy consumption is now a major international consideration in socially responsible management as environmental and sustainability concerns worldwide look to reduce our human impacts on planet Earth.

Program Objectives:

At the end of this program the participants will be able to:

- Produce an energy policy for an organization.

- Conduct an energy REVIEW.

- Establish an energy BASELINE, PERFORMANCE INDICATORS and OBJECTIVES.

- Determine practical energy measurement processes.

- Plan actions to improve energy efficiency and use.

- Understand the importance of management systems in achieving the above.

Targeted Audience:

- Operational Managers.

- Design Managers responsible for New Facilities.

- Project Managers especially those responsible for new facilities.

- Facilities Managers.

- Persons keen to improve the environmental performance of their organization.

Program Outlines:

Unit 1:

Introduction to the ISO Standard on Energy Management:

- Introducing ISO 50001 - The need for the standard.

- Introduction to Energy Management Systems.

- The Standard - clauses 4.1 and 4.2.

- Energy POLICY.

- Energy Policies vs. ISO 50001.

Unit 2:

Planning Requirements of ISO 50001:

- Meaning of Energy Review.

- Energy Review Methodology.

- Energy Performance Indicators EnPIs.

- Energy Baselines.

- Developing Possible EnPIs.

Unit 3:

Operational Planning and Implementation Requirements of ISO 50001:

- Energy Objectives, Targets, and Action Plans.

- Development of Possible Action Plans.

- Compliance with Legislation & other Requirements.

- Implementation & Operation.

- Identification of Operational & Implementation Controls.

Unit 4:

Monitoring and Measurement Requirements of ISO 50001 and Review:

- Monitoring & Measuring.

- ISO 50001 Requirements.

- Identification of Monitoring & Measuring Controls.

- Preparing Questions to Check that Appropriate Monitoring and Measuring Takes Place & Identification of Weak Areas.

- Interpreting the Standard.

Unit 5:

The Role of Auditing in ISO 50001:

- Non-conformities & Reporting.

- NCR Reports.

- Corrective Action Activities.

- Performing an ISO 50001 Audit.