€TRAINING

Energy Audit and Management

7 - 11 October 2024
London (UK)
Landmark Office Space

Energy Audit and Management

REF: A864 DATE: 7 - 11 October 2024 Venue: London (UK) - Landmark Office Space Fee: 5300 Euro

Introduction:

This training program is designed to equip professionals with the knowledge and skills needed to conduct energy audits and effectively manage energy resources. It empowers them to drive environmental stewardship and cost savings.

Program Objectives:

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

- Understand the principles and practices of energy auditing and management.

- Develop and implement energy audit plans and procedures tailored to organizational needs.

- Conduct comprehensive energy audits to assess energy consumption, identify inefficiencies, and prioritize improvement opportunities.

- Analyze energy usage patterns and recommend strategies for energy conservation and efficiency.

- Implement energy management practices to sustain energy-saving initiatives and promote environmental stewardship.

Targeted Audience:

- Energy managers and sustainability coordinators.

- Facility managers and engineers responsible for energy management.

- Energy auditors and consultants specializing in energy efficiency.

- Environmental and sustainability professionals.

- Professionals seeking to enhance their skills in energy auditing and management.

Program Outlines:

Unit 1:

Introduction to Energy Audit and Management:

- Overview of energy auditing and its importance in energy management.

- Key principles and objectives of energy audit and management.

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- Understanding energy consumption patterns and drivers.

- The role of energy management in sustainability and environmental stewardship.

- Case studies and examples of successful energy audit and management initiatives.

Unit 2:

Developing Energy Audit Plans and Procedures:

- Steps to develop a comprehensive energy audit plan tailored to organizational goals.

- Identifying audit scope, objectives, and criteria specific to energy consumption.

- Creating audit schedules and checklists for different areas of energy usage.

- Preparing audit documentation and tools for data collection and analysis.

- Aligning audit plans with regulatory requirements and industry standards.

Unit 3:

Conducting Comprehensive Energy Audits:

- Planning and preparing for energy audits, including safety considerations.

- Techniques for gathering and analyzing energy consumption data.

- Conducting on-site inspections and energy measurements.

- Identifying energy-saving opportunities and inefficiencies.

- Documenting audit findings and compiling audit reports for management review.

Unit 4:

Energy Analysis and Efficiency Improvement:

- Analyzing energy usage patterns and trends.

- Identifying energy conservation measures and efficiency improvement opportunities.

- Evaluating the feasibility and cost-effectiveness of energy-saving initiatives.

- Recommending strategies for optimizing energy usage and reducing waste.

- Implementing energy management practices to sustain efficiency gains.

Unit 5:

Sustainability and Continuous Improvement in Energy Management:

- Establishing mechanisms for continuous improvement in energy management practices.

- Monitoring energy usage and performance against established benchmarks.

- Engaging stakeholders and fostering a culture of energy conservation.

- Integrating energy management into broader sustainability initiatives.

- Reporting on energy performance and environmental impact to stakeholders.