



Training Course



Energy Management System (ISO 50001)

Description

At Global Horizon, our ISO 50001 course is designed to help industries, especially large organizations, reduce energy costs and improve energy efficiency. Managing energy consumption has never been more important, and with the 2018 version of ISO 50001, we offer a structured framework to help organizations effectively monitor and manage their energy usage. This course will teach you how to enhance energy performance, streamline processes, and achieve substantial financial and operational improvements.

(ISO 50001) course objective

- Understand the details and contents of ISO 50001.
- Learn the benefits of implementing an energy management system.
- Gain the skills to reduce energy consumption and costs within your organization.
- Be equipped to audit and improve energy management using ISO 50001.
- Acquire practical knowledge for planning and implementing energy management improvements.
- Realize the value of having a trained energy manager in your organization.

Who Should Attend

- Senior company staff looking to improve energy management in their organization.
- Facilities managers.
- Mechanical, electrical, and maintenance staff looking to enhance their skill set.
- Staff who want to contribute to the overall energy management performance of their organization.
- Process engineers seeking to improve the energy efficiency of plants, equipment, and facilities.
- Younger staff looking to take on more responsibility and add value to their organization.

Course Outline

Day 1: Introduction to ISO 50001 and Energy Management

- Overview of ISO 50001 and its significance in energy management.
- The benefits of having an energy management system (EnMS).
- How ISO 50001 helps improve energy efficiency and reduce costs.
- Key components of an energy management system: Planning, implementation, and monitoring.

Day 2: Energy Consumption and Cost Reduction

- Techniques to monitor and measure energy consumption accurately.
- Identifying high-energy consumption activities within your organization.
- Strategies to reduce energy consumption and associated costs.
- Case studies on cost-saving practices in energy management.

Day 3: Implementing Energy Management Improvements

- Best practices for planning and implementing energy-saving initiatives.
- The role of audits in improving energy performance.
- Steps for setting energy-saving goals and tracking progress.
- Tools and techniques for measuring and enhancing energy efficiency.

Day 4: Auditing and Continual Improvement

- How to audit energy consumption and identify areas for improvement.
- Understanding the process of continual improvement in energy management.
- Leveraging ISO 50001's framework to drive long-term energy efficiency.
- Real-life examples of successful audits and improvements.

Day 5: Building a Strong Energy Management Culture

- The importance of training staff and creating energy-conscious teams.
- Integrating energy management into the company's daily operations.
- The role of leadership in fostering an energy-efficient culture.
- How to demonstrate the ROI of energy management improvements.