

INTRODUCTION & AWARENESS TO ISO 50001 TRAINING COURSE

Ref:EnMFTC

OBJECTIVES

ISO 50001 provides a framework to implement energy management systems in organisations, in order to achieve energy performance continuous improvement. This course will provide participants with an overview of the purpose and requirements of ISO 50001 as a tool for the improvement of energy performance.

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

- discuss the external and internal pressures on an organisation to develop energy management systems
- describe the requirements of ISO 50001
- identify the main benefits for the organisation by implementing an Energy Management System

PROFILE

This course is useful as an introduction for anyone involved in the development, implementation and management of a ISO 50001 energy management system. It will be valuable as preparation for participants planning to complete internal or lead auditor courses.

SPECIFIC TRAINING AIMS

Learning

- ◆ Comprehending the global and national issues and policies concerning energy management and climate change
- ◆ Recognition of the responsiveness to the “views of interested parties” that underpins effective and improvement-oriented energy management
- ◆ Recognition of the essential “building blocks” of an effective management system
- ◆ Awareness of the main requirements of ISO 50001 standard

Skills

- ◆ Identifying key energy issues and challenges
- ◆ Establishing the scope and boundaries of energy management in the organization's specific context
- ◆ Identifying the information related to the Energy Review
- ◆ Applying methods for prioritising improvement opportunities
- ◆ Identifying appropriate approaches to improve energy performance
- ◆ Understand the concepts of energy efficiency and carbon footprint
- ◆ To be able to return to your post and participate in the preliminary steps for the development of an EnMS

Outputs

- ◆ A clearer recognition of the key energy issues that need to be managed by a business
- ◆ Justification of a feasible strategy for EnMS implementation to Senior Management

ISO 50001 Foundation Course Timetable

Day 1

08.45 Coffee and Welcome

09.00 Course introduction

Lecture 1: Introduction to EnMS Standards

Workshop 1: Elements of ISO 50001

Lecture 2: Energy Review

Workshop 2: Defining the Energy Baseline

Lecture 3: Energy performance indicators

Lecture 4: Energy Policy

13.00 – 13.45

Lunch

Lecture 5: Objectives, targets and action plans

Workshop 3: Improving the EnMS – Setting Objectives & Targets

Lecture 6: EnMS – Implementation & Operation

Workshop 5: Design, procurement and purchase

Lecture 7: EnMS – Checking & Reviewing

Workshop 5: Energy verification, monitoring and analysis

Review & Questions

17.00 Close