



ISO 14001 Implementation and Auditing  
EMS



12 - 16 May 2024  
Cairo (Egypt)



# ISO 14001 Implementation and Auditing EMS

REF: A1026 DATE: 12 - 16 May 2024 Venue: Cairo (Egypt) - Fee: 3520 Euro

## Introduction:

This training program is designed to equip professionals with the knowledge and skills needed to implement and audit ISO-14001 Environmental Management Systems EMS, including adherence to local pollution control regulations. It empowers them to drive organizational success through sustainable practices and regulatory compliance.

## Program Objectives:

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

- Understand the principles and requirements of the ISO-14001 standard.
- Develop and implement effective Environmental Management Systems EMS in compliance with ISO-14001.
- Conduct thorough internal audits of EMS to ensure compliance and identify areas for improvement.
- Navigate and comply with local pollution control regulations.
- Foster a culture of environmental responsibility within their organizations.

## Targeted Audience:

- Environmental managers and sustainability coordinators.
- Quality and compliance officers responsible for environmental management.
- Internal auditors and professionals seeking ISO-14001 auditor certification.
- Health, Safety, and Environmental HSE professionals.
- Organizations aiming to enhance their environmental performance and regulatory compliance.

## Program Outlines:

### Unit 1:

#### Introduction to ISO-14001 and Environmental Management Systems EMS:

- Overview of the ISO-14001 standard and its importance in environmental management.
- Key principles and structure of an Environmental Management System EMS.

- Understanding the benefits of ISO-14001 certification for organizations.
- Exploring the Plan-Do-Check-Act PDCA cycle in the context of EMS.
- Case studies and examples of successful ISO-14001 implementation.

## Unit 2:

### Developing and Implementing an ISO-14001 Compliant EMS:

- Steps to develop an effective EMS tailored to organizational needs.
- Identifying and evaluating environmental aspects and impacts.
- Setting environmental objectives, targets, and programs.
- Developing operational controls and emergency preparedness plans.
- Documentation and record-keeping requirements for ISO-14001 compliance.

## Unit 3:

### Internal Auditing of Environmental Management Systems:

- Principles and practices of auditing an EMS.
- Planning and conducting internal audits in accordance with ISO-19011 guidelines.
- Developing audit checklists and audit plans.
- Techniques for gathering and analyzing audit evidence.
- Reporting audit findings and recommending corrective actions.

## Unit 4:

### Compliance with Local Pollution Control Regulations:

- Overview of local, regional, and national pollution control regulations.
- Understanding regulatory requirements related to air, water, and soil pollution.
- Integrating regulatory compliance into the EMS framework.
- Techniques for monitoring and measuring environmental performance.
- Reporting and documentation requirements for regulatory compliance.

## Unit 5:

### Continuous Improvement and Sustainability in EMS:

- Establishing mechanisms for continuous improvement in environmental performance.
- Leveraging data and metrics to drive environmental initiatives.
- Engaging employees and stakeholders in sustainability efforts.
- Conducting management reviews to assess EMS effectiveness.
- Promoting a culture of environmental responsibility and sustainability within the organization.