

Introduction:

This detailed course on ISO 14001:2015 Environmental Management System (EMS) is specifically designed for managers and supervisors who are responsible for environmental and sustainability tasks. The course provides a structured approach to successfully transitioning to the ISO 14001:2015 standard, regardless of whether an organization is affiliated with an accredited certification body.

A primary objective is to ensure that managers are fully knowledgeable about the updated 2015 standard requirements and are capable of integrating these practices into their organizations effectively.

Participants will gain comprehensive insights into how the ISO 14001:2015 standard aligns with the overall strategic goals of an organization, and they will explore how the new clauses introduced by the updated ISO standard enhance the importance of environmental management systems.

The course presents a clear roadmap for identifying and addressing risks and opportunities that affect environmental performance. This, in turn, helps in developing a strategic planning process aimed at achieving established environmental objectives. Particular emphasis will be placed on the leadership clause, focusing on how managers can engage senior leadership to secure support for important environmental initiatives.

Additionally, the course covers performance evaluation, providing managers with tools to assess the effectiveness of the EMS and foster continuous improvement. It also ensures that robust procedures are in place to monitor organizational environmental compliance. By the end of the training, participants will be well-equipped to implement a practical compliance framework that aligns with their organization's goals.

Benefits of ISO 14001:2015 EMS:

Implementing an EMS based on the principles of ISO 14001:2015 offers numerous advantages to an organization. It enhances environmental performance, ensures compliance with legal and regulatory requirements, and increases stakeholder engagement. Through systematic management of environmental issues, businesses can achieve cost savings through improved resource efficiency and waste reduction.

In addition, the journey to ISO 14001:2015 certification encourages continuous improvement, pushing businesses towards innovation and sustainability. This, in turn, enhances brand reputation and builds trust with customers. Organizations not only become better at managing their environmental impacts but also gain a competitive advantage and leadership in the market.

Target Audience:

- Managers and supervisors responsible for ISO Management Systems

- Health, Safety, Environment, and Quality (HSEQ) Managers
- Environmental Managers
- Quality Managers
- Internal Auditors responsible for auditing environmental compliance and performance

Course Objectives:

Upon completion of the ISO 14001:2015 EMS course, participants will be able to:

1. Understand the impact of the updated ISO 14001 standards on their organization.
2. Develop and implement a comprehensive approach for managing organizational risks and opportunities.
3. Design and apply a suitable framework for evaluating compliance and communicating compliance outcomes effectively.
4. Recognize the importance of document control in adhering to ISO 14001 and establishing an effective methodology.
5. Align the organization's strategic objectives with actionable environmental goals, continuously evaluating and enhancing environmental performance.

Targeted Competencies:

Upon completing the ISO 14001:2015 EMS course, participants will have gained competencies in:

- Understanding ISO 14001 Environmental Management Systems (EMS)
- Enhanced communication skills
- Refined presentation skills, both verbal and written
- Ability to analyze and interpret information and documents

Course Content:

Unit 1: Introduction to ISO 14001:2015:

- The structure of ISO 14001:2015 (Annex SL).
- The roles of implementers and auditors in transitioning to ISO 14001:2015.
- Understanding organizational context, leadership, resources, risks, and opportunities.
- Examining environmental aspects and evaluating their significance.
- Overview of activities, products, and services and their environmental impacts.
- Developing a life cycle perspective for environmental aspects.
- Planning environmental objectives (Annex SL).

Unit 2: ISO 14001:2015 Policies and Documentation:

- Recognizing the policy requirements of ISO 14001, including commitments, strategies, and implementation.
- Managing operational controls and evaluating performance.
- Addressing issues that affect the effectiveness of ISO 14001.
- Ensuring compliance with obligations and conducting evaluations.
- Documenting and communicating compliance status to stakeholders.
- Emergency preparedness and response protocols.
- Testing and evaluating emergency arrangements.

Unit 3: Auditing ISO 14001:2015:

- Planning, preparation, and execution of internal audits.
- Managing nonconformance and corrective actions effectively.
- Conducting management reviews (inputs and outputs).
- Managing improvements within the EMS.

- Policies for continual improvement and managing outsourced processes.
- Techniques for effective communication in EMS audits.

Unit 4: Audit Steps:

- Developing and executing an audit plan.
- Creating effective audit checklists.
- Organizing and facilitating opening meetings.
- Conducting audits effectively.
- Organizing and running closing meetings professionally.
- Preparing and delivering comprehensive audit reports.
- Managing audit follow-up activities.

Unit 5: Audit Program:

- Establishing objectives for the audit program.
- Identifying and evaluating risks and opportunities within the audit program.
- Flowcharting the management of an audit program.
- Practical aspects of managing an audit program.
- Strategies for implementing the audit program.
- Procedures for collecting and verifying information.
- Monitoring and reviewing audit practices.
- Approaches to improving and enhancing the audit program.