



ISO 14001:2015: Environmental Management System (EMS) Course

21 – 25 February 2027
Cairo (Egypt)



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Introduction:

This comprehensive ISO 14001:2015 EMS environmental management system course is specifically tailored for managers and supervisors with environmental and sustainability responsibilities. It walks participants through a systematic approach to successfully transitioning to the ISO 14001:2015 standard, regardless of affiliation with any accredited certification body.

A key objective is to ensure managers are fully versed in all new 2015 standard requirements and are equipped to integrate these practices into their organizations effectively. Participants will gain in-depth knowledge of how the ISO 14001:2015 standard aligns with the organization's strategic orientation and explore how the modifications introduced by the new ISO Clause requirements amplify the significance of environmental management systems EMS.

The ISO 14001:2015 EMS environmental management system course presents a structured pathway for identifying and addressing risks and opportunities that affect environmental performance, thereby fostering a strategic planning process to achieve established environmental objectives. A particular emphasis will be placed on the leadership clause, honing the necessary skills for managers to engage senior executives and secure their endorsement for pivotal environmental initiatives.

It further delves into performance evaluation, equipping managers with the tools necessary to assess the efficiency of the EMS and drive ongoing enhancement while ensuring robust arrangements for reviewing organizational environmental compliance are in place. By the end of the ISO 14001:2015 EMS environmental management system training, participants will be adept at establishing a practical compliance framework that aligns with organizational goals.

Benefits of ISO 14001:2015 EMS:

Adopting and implementing an EMS based on ISO 14001:2015 principles offers numerous benefits to an organization. It enhances environmental performance, ensures compliance with legal and regulatory requirements, and can lead to greater stakeholder engagement. Through systematic and strategic management of environmental issues, businesses can achieve cost savings via resource efficiency and waste reduction.

Moreover, the pathway to ISO 14001 2015 certification promotes continuous improvement, driving businesses towards innovation and rendering them more sustainable. In turn, this can enhance brand reputation and build customer trust. As a result, organizations are not only better equipped to manage their environmental impacts. Still, they can also gain a competitive advantage and market leadership.

Target Groups:

- Managers and supervisors are responsible for the ISO Management System.
- HSEQ Managers.
- Environment Managers.
- Quality Managers.
- Internal Auditors tasked with auditing environmental compliance and performance.

Course Objectives:

Upon completion of this ISO 14001:2015 EMS environmental management system course, participants will be capable of:

- Understand the impact of the new ISO 14001 standards on their organization.
- Form and implement a comprehensive approach to managing organizational risks and opportunities.
- Design and apply a suitable framework for evaluating compliance and communicating compliance status outcomes effectively.
- Recognize the significance of document control in adherence to ISO 14001 and instituting an effective methodology.
- Aligning the organization's strategic objectives with actionable environmental goals and perpetually evaluating and enhancing environmental performance.

Targeted Competencies:

Upon completion of this ISO 14001:2015 EMS environmental management system training, participants competencies will:

- Grasp of ISO 14001 EMS Environmental Management System.
- Enhanced Communication Skills.
- Polished Presentation Skills, both Verbal and Written.
- Information and Document Analysis/Interpretation.

Course Content:

Unit 1: Introduction to ISO 14001:2015:

- ISO 14001:2015 Structure Annex SL.
- Understand the Role of Implementers and Auditors in the Transition to ISO 14001:2015.
- Organizational Context, Leadership and Resources, Risks, and Opportunities.
- Examination of Environmental Aspects.
- Overview of Activities/Products and Services and Their Environmental Impacts.
- Development of a Life Cycle Perspective for Environmental Aspects.
- Evaluation and Significance of Environmental Aspects.
- Planning Environmental Objectives Annex SL.

Unit 2: ISO 14001:2015 Policies and Documentation:

- Recognizing Policy Requirements of ISO 14001 Commitments, Strategies and Implementation.
- Management of Operational Controls and Performance Evaluation.
- Delving into Issues Affecting 14001 Effectiveness.
- Adherence to Compliance Obligations and Evaluations.
- Documenting and Communicating Compliance Status for Stakeholders.
- Emergency Preparedness and Response Protocols.
- Testing and Evaluation of Emergency Arrangements.

Unit 3: Auditing ISO 14001:2015:

- Planning, Preparation, and Execution of Internal Audits.
- Effective Management of Nonconformance and Corrective Actions.
- Effective Management Review Inputs/Outputs.
- Managing Improvement.
- Policies for Continual Improvement.
- Managing Outsourced Processes.
- Techniques and Importance of Effective Communication in EMS.

Unit 4: Audit Steps:

- Development and Execution of an Audit Plan.
- Creation of Effective Audit Checklists.
- Organization and Facilitation of Opening Meetings.
- Strategies for Conducting an Audit Effectively.
- Running Closing Meetings Professionally.
- Compilation and Delivery of a Comprehensive Audit Report.
- 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.
- Flowchart Describing Management of an Audit Program.
- Practical Aspects of Audit Program Management.
- Strategies for Implementing an Audit Program.
- Procedures for Collecting and Verifying Information.
- Monitoring and Review Practices for Auditing.
- Approaches to Enhancing and Improving the Audit Program.