



**Alkhebra Consulting, LLC**  
Engineering, Environment, Education, Research

الخبرة للإستشارات ذ.م.م  
هندسة، بيئة، تعليم، بحوث

## **Environmental Management System - Learning Series**

**Course Title:** ISO 14001:2015 EMS - LEAD AUDITOR TRAINING

**Course Duration:** Five Days (9.00 am – 4.00 pm)

**Course Description:**

This course is designed to explain all the requirements of ISO 14001:2015 to help in the implementation and auditing of an environmental management system with the knowledge and skills required to perform first, second and third-party audits of EMS against ISO 14001, in accordance with ISO 19011:2018 and ISO/IEC 17021-1, as applicable.

The course discusses key elements of ISO 14001:2015 like evaluation of environmental aspects and impacts, compliance obligations, operational planning and control or emergency preparedness and response. Specific requirements for environmental management system, environmental policy, environmental objectives and planning to achieve them, context of the organization, internal audits, management review, evaluation of compliance, documented information, actions to address risks and opportunities - all these are discussed in the lessons of this course.

**Course Objectives:**

1. To understand the fundamentals of environmental management system and all standard clauses requirements of ISO 14001:2015.
2. With reference to the PDCA cycle, explain, analyze and implement the process-based environmental management system model for ISO 14001 and the role of a system audit in the maintenance and improvement of EMS.
3. Explaining the role and responsibilities of an auditor to plan, conduct, report and follow-up an EMS audit in accordance with ISO 19011 and ISO/IEC 17021, as appropriate.
4. To plan, conduct, report and follow-up an audit of an environmental management system to establish conformity or non-conformity with ISO 14001:2015, and in accordance with ISO 19011 and ISO/IEC 17021 where appropriate.
5. To understand the risk and opportunities associated with significant environmental aspects Annex SL framework based on which ISO 14001:2015 is structured.

**Course Content:**

1. Introduction and Overview of ISO 14001:2015
2. Understanding the context of organization
3. Understanding the ISO 14001:2015 requirements for assessment / audit process
4. Leadership
5. Planning
6. Support
7. Operation
8. Performance evaluation
9. Continual Improvement

## **Course Benefits:**

On completion of this EMS training course you will be able to:

1. Identify and control the environmental impact of its activities and services.
2. Ensure legal compliance and implement all regulations and laws appropriately.
3. Implement a systematic approach to setting environmental objectives, to achieving these and to demonstrating that they have been achieved.
4. Outline and interpret the key requirements and benefits of ISO 14001 in the context of an EMS audit.
5. Check, confirm and manage the EMS audit objectives and carry out environmental risk and opportunities assessment based on the context of the organization.
6. Apply ISO 14001 standard clauses appropriately in an audit situation
7. Effectively plan and conduct an audit of the management and operation of an organization in accordance with the requirements of relevant EMS audit criteria.
8. Undertake the role of an auditor to plan, conduct, report and follow-up an audit in accordance with ISO 19011 and ISO/IEC 17021-1.
9. Report the audit, including writing valid, factual and value-adding non-conformity reports.
10. Demonstrate environmental commitment to clients, regulators and the public.
11. Drive continual improvement to its environmental performance.