



Alkhebra Consulting, LLC
Engineering, Environment, Education, Research

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

Environmental Management System - Learning Series

Course Title: ENVIRONMENTAL MANAGEMENT SYSTEM (EMS) TRAINING

Course Duration: Two Days (9.00 am – 4.00 pm)

Course Description:

This course is a study of the current practices and policies pertaining to the development, implementation and maintenance of environmental management systems (EMS) in an organization. This course is designed to explain the fundamentals and components of an EMS gaining the knowledge you need to implement all the requirements and standards of an EMS and ISO 14001:2015 to help in the implementation and auditing 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 an environmental management system designed to continually identify and control environmental hazards and decrease their associated risks at the workplace. The process of assessing environmental impacts and aspects and implementing continuous improvement measures will be addressed. This helps to understand how a management system can benefit your organization, the commitment and resources you need in

order to successfully implement a management system and how you can adapt the management system to suit specific needs of your organization - all these are discussed in the lessons of this course.

Course Objectives:

1. To understand the fundamentals and component of environmental management system.
2. With reference to the PDCA cycle, explain, analyze and implement the process-based environmental management system model.
3. Developing an environmental policy for an organization
4. Developing an environmental objective and monitor their implementation
5. Perform a life cycle assessment using PDCA
6. Developing and implement an environmental management system in an organization
7. 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.
8. 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 Environmental Management System (EMS)
2. Understanding the ISO 14001:2015 requirements and standards
3. Understanding the context of EMS
4. The Keys elements of an EMS
5. PDCA Cycle or EMS Model
6. Benefits of an EMS
7. Implementation process of an EMS

Course Benefits:

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

1. Recognize the differences between a program and a management system
2. Outline, interpret and know the key requirements and benefits of implementing a management system
3. Demonstrate the knowledge and understanding of leadership in developing, implementing and maintain management system
4. Ensure legal compliance and implement all regulations and laws appropriately.
5. Implement a systematic approach to setting environmental objectives, to achieving these and to demonstrating that they have been achieved.
6. Know the PDCA approach used in management system standards.
7. Know the elements of an environment management system and how to apply them
8. Develop required procedures, policies and other related documents
9. Understand and meet the requirements of ISO 14001 standards.
10. Demonstrate environmental commitment to clients, regulators and the public.
11. Drive continual improvement to its environmental performance.