

Hands-on course , 5
day(s)
Ref : SLI

Participants

EMS project managers, EMS project staff, consultants, ISO 14001 auditors who wish to fully understand the EMS implementation process, Environmental expert advisors...

Pre-requisites

To be certified ISO 14001 Foundation or basic knowledge of ISO 14001.

Next sessions

ISO 14001, Environmental Management, Lead Implementer, certification

This five-day intensive course enables the participants to develop the necessary expertise to support an organization in implementing and managing an Environmental Management System (EMS) based on ISO 14001.

OBJECTIVES

To gain a comprehensive understanding of the concepts, methods and techniques required for the implementation of an EMS

To understand the relationship between the components of an EMS and compliance with the other requirements

To acquire the expertise to support an organization in implementing and managing an EMS as specified in ISO 14001

To acquire the necessary expertise to manage a team implementing ISO 14001

1) Introduction to EMS concepts as required by ISO 14001

2) Initiating an EMS based on ISO 14001

3) Implementing an EMS based on ISO 14001

4) Controlling, monitoring, measuring and improving an EMS

5) ANSI Accredited Certification Exam

Pedagogic Methods

Case study, group discussion, exam preparation.

Certification

This course is followed by a 3-hours "Certified ISO 14001 Lead Implementer" exam.

1) Introduction to EMS concepts as required by ISO 14001

- Introduction to management systems and the process approach.
- Presentation of ISO 14001 structure and requirements.
- ISO 14001 application/fundamental principles.
- Identification and evaluation of environmental aspects/impacts and their significance.
- Writing a business case and a project plan for the implementation of an EMS.

2) Initiating an EMS based on ISO 14001

- Selection of the approach and implementation methodology.
- Definition of environment policy and objectives.
- Identification and analysis of customer needs and requirements.
- Writing a business case and a project plan for the implementation of an EMS.

3) Implementing an EMS based on ISO 14001

- Implementation of a document management framework.
- Development of a training & awareness program and communicating about Environment.
- Resource management processes (HR, infrastructure and work environment).
- Product/Service realization processes /purchasing process.
- Operational management of an EMS.

4) Controlling, monitoring, measuring and improving an EMS

- Controlling and monitoring an EMS.
- Development of metrics, performance indicators and dashboards in accordance with ISO 14001.
- ISO 14001 internal audit and management review.
- Implementation of a continual improvement program.
- Preparing for an ISO 14001 certification audit.

5) ANSI Accredited Certification Exam

- Domain 1: Fundamental principles and concepts in Environmental Management.
- Domain 2: Environmental Management Best Practice based on ISO 14001.
- Domain 3: Planning an EMS based on ISO 14001.
- Domain 4: Implementing an EMS based on ISO 14001.
- Domain 5: Performance evaluation, monitoring and measurement of an EMS based on ISO 14001.
- Domain 6: Continual improvement of an EMS based on ISO 14001.
- Domain 7: Preparation for an EMS certification audit.