



PECB CERTIFIED ISO 14001 LEAD IMPLEMENTER

MASTERING THE IMPLEMENTATION AND MANAGEMENT OF AN ENVIRONMENTAL MANAGEMENT SYSTEM (EMS) BASED ON ISO 14001

SUMMARY

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. Participants will also gain a thorough understanding of best practices used to implement requirements of Environmental Management System of ISO 14001. This training is consistent with the project management practices established in ISO 10006 (Quality Management Systems - Guidelines for Quality Management in Projects). This training is fully compatible with ISO 14004 (Environmental management systems -- General guidelines on principles, systems and support techniques) and ISO 10012 (Measurement management systems -- Requirements for measurement processes and measuring equipment).

WHO SHOULD ATTEND?



- > Project managers or consultants wanting to prepare and to support an organization in the implementation of an EMS
- > ISO 14001 auditors who wish to fully understand the EMS implementation process
- > Persons responsible for the environmental conformity in an organization
- > Environmental expert advisors
- > Technical experts wanting to prepare for an environmental function or for an EMS project management function

COURSE AGENDA

DURATION: 5 DAYS

Introduction to Environmental Management System (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

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

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

Controlling, monitoring, measuring and improving an EMS and the certification audit of an EMS in accordance with ISO 14001

- > 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

Certification Exam



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LEARNING OBJECTIVES



- > To gain a comprehensive understanding of the concepts, approaches, standards, methods and techniques required for the effective implementation and management of an EMS based on ISO 14001
- > To understand the relationship between the components of an EMS and compliance with the other requirements
- > To acquire the necessary expertise to support an organization in implementing, managing and maintaining an EMS as specified in ISO 14001
- > To acquire the necessary expertise to manage a team implementing ISO 14001

EXAMINATION

The "PECB Certified ISO 14001 Lead Implementer" exam fully meets the requirements of the PECB Examination and Certification Program (ECP). The exam covers the following competence domains:

1 Domain 1: Fundamental principles and concepts in Environmental Management

Main Objective: To ensure that the ISO 14001 Lead Implementer candidate can understand, interpret and illustrate the main Environmental Management concepts related to an Environmental Management System (EMS)

2 Domain 2: Environmental Management Best Practice based on ISO 14001

Main Objective: To ensure that the ISO 14001 Lead Implementer candidate can understand, interpret and provide guidance on how to implement and manage Environmental Management requirements based on best practices of ISO 14001

3 Domain 3: Planning an EMS based on ISO 14001

Main Objective: To ensure that the ISO 14001 Lead Implementer candidate can plan the implementation of an EMS in preparation for an ISO 14001 certification

4 Domain 4: Implementing an EMS based on ISO 14001

Main Objective: To ensure that the ISO 14001 Lead Implementer candidate can implement the processes of an EMS required for an ISO 14001 certification

5 Domain 5: Performance evaluation, monitoring and measurement of an EMS based on ISO 14001

Main Objective: To ensure that the ISO 14001 Lead Implementer candidate can evaluate, monitor and measure the performance of an EMS in the context of an ISO 14001 certification

6 Domain 6: Continual improvement of an EMS based on ISO 14001

Main Objective: To ensure that the ISO 14001 Lead Implementer candidate can provide guidance on the continual improvement of an EMS in the context of ISO 14001

7 Domain 7: Preparation for an EMS certification audit

Main Objective: To ensure that the ISO 14001 Lead Implementer candidate can prepare and assist an organization for the certification of an EMS against the ISO 14001 standard

- > The "Certified ISO 14001 Lead Implementer" exam is available in different languages, such as English, French, Spanish and Portuguese
- > Duration: 3 hours
- > For more information about the exam, please visit: www.pecb.com



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CERTIFICATION

- > After successfully completing the exam, participants can apply for the credentials of PECB Certified ISO 14001 Certified Provisional Implementer, PECB Certified ISO 14001 Implementer or PECB Certified ISO 14001 Lead Implementer depending on their level of experience
- > A certificate will be issued to participants who successfully pass the exam and comply with all the other requirements related to the selected credential:

Credential	Exam	Professional Experience	EMS Audit Experience	EMS Project Experience	Other Requirements
PECB ISO 14001 Provisional Implementer	PECB ISO 14001 Lead Implementer Exam	None	None	None	Signing the PECB code of ethics
PECB ISO 14001 Implementer	PECB ISO 14001 Lead Implementer Exam	Two years One year of Environmental Management work experience	None	Project activities totaling 200 hours	Signing the PECB code of ethics
PECB ISO 14001 Lead Implementer	PECB ISO 14001 Lead Implementer Exam	Five years Two years of Environmental Management work experience	None	Project activities totaling 300 hours	Signing the PECB code of ethics

GENERAL INFORMATION

- > Certification fees are included in the exam price
- > Participant manual contains over 450 pages of information and practical examples
- > A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued to participants
- > In case of failure of the exam, participants are allowed to retake it for free under certain conditions



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