

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 14001CIR — Environmental Management Supporting Circularity

ISO Certification Programme



LAPT — London Academy of Professional Training

Address 85 Great Portland Street, W1W 7LT, London, United Kingdom

Email info@lapt.org

Telephone +44 7513 283044

Web lapt.org

Reference ENV-CIR-14001CIR • ISO Environmental Sustainability

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	ENV-CIR-14001CIR
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Advanced Risk Assessment

5 chapters · 30 classes 65 marks

• 1 Understanding Risk in Environmental Management Systems — 6 classes

› 1.1 Identify Key Environmental Risks in Management Systems

› 1.2 Analyze the Impact of Environmental Risks on Stakeholders

› 1.3 Evaluate Risk Assessment Techniques in Environmental Management

› 1.4 Integrate Circularity Principles into Environmental Risk Analysis

› 1.5 Develop Strategies for Mitigating Identified Environmental Risks

› 1.6 Create an Action Plan for Continuous Improvement in Risk Management

• 2 Identifying Environmental Risks and Opportunities — 6 classes

› 2.1 Analyze Current Environmental Regulations for Compliance

› 2.2 Identify Key Environmental Risks in Business Operations

› 2.3 Evaluate Potential Opportunities for Environmental Improvement

› 2.4 Conduct Stakeholder Consultation for Risk Assessment

› 2.5 Develop a Risk Mitigation Plan Using Best Practices

› 2.6 Implement Opportunities for Circularity in Risk Management

• 3 Risk Assessment Methodologies for Circular Economy — 6 classes

› 3.1 Analyze Key Risk Assessment Methodologies for Circular Economy

› 3.2 Evaluate the Role of ISO 14001 in Risk Assessment Strategies

› 3.3 Identify Stakeholder Engagement Techniques in Circular Economy Risk Assessments

› 3.4 Develop a Framework for Assessing Environmental Risks in Circular Initiatives

› 3.5 Implement Quantitative and Qualitative Risk Assessment Tools

› 3.6 Formulate an Action Plan for Mitigating Identified Risks in Circular Practices

• 4 Quantifying and Prioritizing Environmental Risks — 6 classes

› 4.1 Identify Environmental Risk Factors in Operations

› 4.2 Analyze Data for Environmental Impact Assessment

› 4.3 Quantify Environmental Risks Using Metrics

› 4.4 Prioritize Risks Based on Severity and Likelihood

› 4.5 Develop Risk Mitigation Strategies and Action Plans

› 4.6 Communicate Risk Findings to Stakeholders Effectively

• 5 Implementing Risk Mitigation Strategies in Circular Practices — 6 classes

› 5.1 Analyze Key Risks in Circular Practices

› 5.2 Identify Mitigation Strategies for Environmental Risks

› 5.3 Develop a Risk Assessment Framework for Circular Policies

› 5.4 Implementing Effective Risk Reduction Techniques

› 5.5 Evaluate the Impact of Mitigation Strategies on Circularity

› 5.6 Create an Action Plan for Continuous Improvement in Risk Management

• 1 Understanding Circular Economy Concepts and Definitions — 6 classes

- › 1.1 Define Circular Economy: Key Concepts and Terms
- › 1.2 Explore the Principles of Circularity in Business
- › 1.3 Analyze Waste to Resource Strategies in Circular Economy
- › 1.4 Evaluate the Benefits of Circular Economy for Sustainability
- › 1.5 Illustrate Real-World Examples of Circular Economy Practices
- › 1.6 Develop a Personal Action Plan for Implementing Circularity

• 2 Key Principles of Circular Economy: Design and Resource Efficiency — 6 classes

- › 2.1 Understand Circular Economy Concepts and Definitions
- › 2.2 Identify the Principles of Design for Circularity
- › 2.3 Explore Resource Efficiency Strategies in Product Design
- › 2.4 Analyze Lifecycle Assessment for Circular Products
- › 2.5 Evaluate Case Studies on Circular Design Practices
- › 2.6 Apply Circular Economy Principles to Real-World Scenarios

• 3 Lifecycle Thinking: From Production to End-of-Life — 6 classes

- › 3.1 Analyze the Stages of the Product Lifecycle
- › 3.2 Identify Key Environmental Impacts at Each Lifecycle Stage
- › 3.3 Evaluate Resource Use in Production Processes
- › 3.4 Assess End-of-Life Options for Products
- › 3.5 Develop Strategies for Minimizing Waste in the Lifecycle
- › 3.6 Create a Circularity Plan for a Selected Product

• 4 Circular Business Models: Innovations for Sustainability — 6 classes

- › 4.1 Define Circular Business Models and Their Importance
- › 4.2 Identify Key Innovations Driving Circular Economy Practices
- › 4.3 Analyze Case Studies of Successful Circular Business Models
- › 4.4 Explore the Role of Technology in Enhancing Circularity
- › 4.5 Develop Strategies for Implementing Circular Business Practices
- › 4.6 Evaluate the Impacts of Circular Business Models on Sustainability

• 5 Measuring Circularity: Tools and Metrics — 6 classes

- › 5.1 Define Key Metrics for Circularity Assessment
- › 5.2 Explore Tools for Measuring Resource Efficiency
- › 5.3 Analyze Life Cycle Assessment (LCA) Methodologies
- › 5.4 Implement Circularity Indicators in Business Models
- › 5.5 Evaluate Case Studies on Circularity Measurements
- › 5.6 Develop a Circularity Measurement Action Plan

• 1 Understanding ISO 14001: Principles and Framework — 6 classes

- › 1.1 Define ISO 14001: Key Principles and Purpose
- › 1.2 Explore the Core Components of ISO 14001 Framework
- › 1.3 Identify the Benefits of Implementing ISO 14001
- › 1.4 Examine the Role of Leadership in ISO 14001
- › 1.5 Analyze Case Studies of Successful ISO 14001 Implementation
- › 1.6 Develop an Action Plan for Adopting ISO 14001 Principles

• 2 The Structure of the ISO 14001 Standard — 6 classes

- › 2.1 Explore the Purpose and Importance of ISO 14001 in Environmental Management
- › 2.2 Identify the Key Components of the ISO 14001 Structure
- › 2.3 Analyze the Context of the Organization Clause in ISO 14001
- › 2.4 Examine Leadership Responsibilities within the ISO 14001 Framework
- › 2.5 Discuss the Importance of Planning and Risk Assessment in ISO 14001
- › 2.6 Apply ISO 14001 Principles to Develop an Environmental Management System

• 3 Implementing ISO 14001: Steps and Strategies — 6 classes

- › 3.1 Assess Current Environmental Practices
- › 3.2 Define Objectives for ISO 14001 Implementation
- › 3.3 Develop an Environmental Policy Framework
- › 3.4 Engage Stakeholders in the Implementation Process
- › 3.5 Create an Action Plan for Continuous Improvement
- › 3.6 Evaluate and Monitor ISO 14001 Effectiveness

• 4 Auditing and Monitoring ISO 14001 Compliance — 6 classes

- › 4.1 Understand the Purpose of Auditing in ISO 14001 Compliance
- › 4.2 Identify Key Components of an ISO 14001 Audit
- › 4.3 Explore Types of Audits: Internal vs. External
- › 4.4 Develop Effective Audit Checklists for ISO 14001
- › 4.5 Analyze Common Challenges in ISO 14001 Auditing
- › 4.6 Create an Action Plan for Continuous Monitoring and Improvement

• 5 Linking ISO 14001 to Circular Economy Principles — 6 classes

- › 5.1 Define Circular Economy Principles and Their Relevance
- › 5.2 Explore the Core Components of ISO 14001
- › 5.3 Identify the Synergies Between ISO 14001 and Circular Economy
- › 5.4 Analyze Case Studies Linking ISO 14001 to Circular Practices
- › 5.5 Develop Strategies for Implementing ISO 14001 in a Circular Framework
- › 5.6 Measure and Evaluate the Impact of Circular Practices on ISO 14001 Compliance

• 1 Understanding Environmental Management Systems — 6 classes

- › 1.1 Define Environmental Management Systems and Their Importance
- › 1.2 Explore Key Components of ISO 14001 Certification
- › 1.3 Identify Stakeholders in Environmental Management
- › 1.4 Assess Current Environmental Practices in Organizations
- › 1.5 Develop Action Plans for Effective Environmental Management
- › 1.6 Implement Continuous Improvement in Environmental Management Systems

• 2 Leadership Roles in Environmental Management — 6 classes

- › 2.1 Define Key Leadership Roles in Environmental Management
- › 2.2 Explore the Importance of Leadership Commitment to ISO 14001
- › 2.3 Identify Stakeholder Engagement Strategies for Leaders
- › 2.4 Develop Effective Communication Skills for Environmental Leaders
- › 2.5 Implement Leadership Strategies for Promoting Circular Economy
- › 2.6 Assess the Impact of Leadership on Environmental Performance

• 3 Building a Culture of Circularity — 6 classes

- › 3.1 Define Circularity — Understanding the Principles of Circular Economy
- › 3.2 Assess Current Practices — Evaluating Organizational Waste Management Strategies
- › 3.3 Engage Stakeholders — Building Partnerships for Circular Initiatives
- › 3.4 Foster Innovation — Encouraging Creative Solutions for Resource Efficiency
- › 3.5 Implement Circular Strategies — Developing Action Plans for Operational Change
- › 3.6 Measure Success — Establishing Metrics for Continuous Improvement in Circularity

• 4 Stakeholder Engagement and Communication — 6 classes

- › 4.1 Identify Key Stakeholders in Environmental Management
- › 4.2 Analyze Stakeholder Interests and Concerns
- › 4.3 Develop Effective Communication Strategies with Stakeholders
- › 4.4 Engage Stakeholders through Collaborative Decision-Making
- › 4.5 Measure the Impact of Stakeholder Engagement Practices
- › 4.6 Create a Stakeholder Engagement Action Plan for Circularity

• 5 Measuring Success and Continuous Improvement — 6 classes

- › 5.1 Define Key Performance Indicators for Environmental Management
- › 5.2 Analyze Data to Measure Environmental Success
- › 5.3 Implement Continuous Improvement Processes in Environmental Practices
- › 5.4 Utilize Feedback Mechanisms for Systematic Evaluation
- › 5.5 Develop Action Plans Based on Measurement Outcomes
- › 5.6 Foster a Culture of Improvement in Environmental Leadership

• 1 Understanding Circularity in Project Management — 6 classes

- › 1.1 Define Circularity in Project Management
- › 1.2 Identify Key Principles of Circular Economy
- › 1.3 Analyze Successful Circularity Case Studies
- › 1.4 Evaluate Tools and Techniques for Implementing Circularity
- › 1.5 Develop a Circularity Action Plan for Projects
- › 1.6 Present Outcomes and Metrics for Circular Project Success

• 2 Integrating ISO 14001CIR into Project Planning — 6 classes

- › 2.1 Understand ISO 14001CIR: Key Concepts and Principles
- › 2.2 Identify Circularity in Project Management: Goals and Benefits
- › 2.3 Assess Environmental Aspects: Tools and Techniques
- › 2.4 Integrate ISO 14001CIR Standards into Project Planning
- › 2.5 Develop a Circularity Action Plan: Steps and Best Practices
- › 2.6 Measure and Evaluate Circularity Outcomes in Projects

• 3 Stakeholder Engagement for Circular Projects — 6 classes

- › 3.1 Identify Key Stakeholders in Circular Projects
- › 3.2 Analyze Stakeholder Interests and Concerns
- › 3.3 Develop Effective Communication Strategies
- › 3.4 Facilitate Stakeholder Workshops for Co-Creation
- › 3.5 Collect and Integrate Stakeholder Feedback
- › 3.6 Measure Stakeholder Engagement Success

• 4 Monitoring and Reporting Circular Outcomes — 6 classes

- › 4.1 Define Key Metrics for Circular Outcomes
- › 4.2 Identify Data Sources for Monitoring Circularity
- › 4.3 Analyze Data to Assess Environmental Impact
- › 4.4 Develop Reporting Templates for Circular Metrics
- › 4.5 Communicate Findings to Stakeholders Effectively
- › 4.6 Implement Continuous Improvement Strategies Based on Reports

• 5 Innovating Solutions for Circular Project Challenges — 6 classes

- › 5.1 Identify Circular Project Challenges Through Case Studies
- › 5.2 Analyze Stakeholder Perspectives in Circularity Projects
- › 5.3 Develop Innovative Strategies for Material Reuse
- › 5.4 Utilize Design Thinking to Address Circularity Issues
- › 5.5 Implement Sustainable Metrics for Project Success
- › 5.6 Present Solutions and Advocate for Circular Practices

• 1 Understanding Sustainable Management Principles — 6 classes

- › 1.1 Define Key Concepts in Sustainable Management
- › 1.2 Explore the Principles of Circular Economy
- › 1.3 Identify Stakeholders in Sustainable Management
- › 1.4 Assess Environmental Impacts of Business Practices
- › 1.5 Develop Strategies for Resource Efficiency
- › 1.6 Create an Action Plan for Sustainable Change

• 2 Circular Economy: Principles and Practices — 6 classes

- › 2.1 Define the Circular Economy and Its Importance
- › 2.2 Explore Key Principles of Circular Economy Models
- › 2.3 Identify Benefits and Challenges of Transitioning to Circular Practices
- › 2.4 Analyze Case Studies of Successful Circular Economy Implementations
- › 2.5 Develop Strategies to Integrate Circular Economy into Business Operations
- › 2.6 Create an Action Plan for Implementing Circular Economy Principles

• 3 Implementing ISO 14001 Standards — 6 classes

- › 3.1 Understand the Principles of ISO 14001 Standards
- › 3.2 Identify Key Components of an Environmental Management System
- › 3.3 Conduct a Gap Analysis for Current Environmental Practices
- › 3.4 Develop an Action Plan for Implementation of ISO 14001
- › 3.5 Engage Stakeholders in Environmental Management Efforts
- › 3.6 Evaluate and Improve the Environmental Management System Continuously

• 4 Strategies for Integration of Sustainability in Business Operations — 6 classes

- › 4.1 Identify Key Sustainability Challenges in Business Operations
- › 4.2 Assess Current Business Practices for Environmental Impact
- › 4.3 Develop Sustainable Goals Aligned with Business Objectives
- › 4.4 Integrate Circular Economy Principles into Operational Strategies
- › 4.5 Implement Tools and Technologies for Sustainable Management
- › 4.6 Evaluate and Report on Progress Towards Sustainability Goals

• 5 Measuring and Reporting on Sustainability Performance — 6 classes

- › 5.1 Define Key Performance Indicators for Sustainability
- › 5.2 Collect and Analyze Data on Environmental Impact
- › 5.3 Develop a Reporting Framework for Sustainability Metrics
- › 5.4 Evaluate Stakeholder Expectations in Sustainability Reporting
- › 5.5 Create a Sustainability Performance Report Template
- › 5.6 Present and Communicate Sustainability Outcomes Effectively