LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 9001CIR — Quality Management in Circular Business Models

ISO Certification Programme

LAPT — London Academy of Professional Training

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Reference ENV-CIR-9001CIR • ISO Environmental Sustainability

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6	30	180	430	60%	Lifetime
SUBJECTS	CHAPTERS	CLASSES	TOTAL MARKS	PASS MARK	VALIDITY

AT A GLANCE

REFERENCE	**ENV-CIR-9001CIR**
AWARD	**Certificate**
ASSESSMENT	**430 marks — 258 to pass (60%)**
PREREQUISITES	**None**
VALIDITY	**Lifetime**
AWARDING BODY	**LAPT — London Academy of Professional Training**

CURRICULUM

1 Implementation of Quality Systems

5 chapters · 30 classes · **85 marks**

• 1 Understanding Quality Management Systems in Circular Economies — 6 classes

- › 1.1 Define Quality Management Systems in Circular Economies
- › 1.2 Identify Key Principles of ISO 9001 in Circular Business Models
- › 1.3 Explore the Benefits of Quality Management in Circular Economies
- › 1.4 Assess Risks and Opportunities in Quality Management Implementation
- › 1.5 Develop Strategies for Integrating Quality Systems in Circular Practices
- › 1.6 Evaluate the Impact of Quality Systems on Circular Economy Performance

• 2 ISO 9001 Standards and Circularity Principles — 6 classes

- › 2.1 Understand ISO 9001: An Overview of Quality Management Systems
- › 2.2 Explore Circular Economy Principles: Defining Circularity in Business
- › 2.3 Identify Key Requirements of ISO 9001 for Circular Business Models
- › 2.4 Analyze the Relationship Between Quality Management and Sustainability
- › 2.5 Develop Strategies for Integrating ISO 9001 Standards with Circular Practices
- › 2.6 Evaluate Case Studies: Successful Implementation of ISO 9001 in Circular Businesses

• 3 Assessing Quality Systems for Circular Business Models — 6 classes

- › 3.1 Identify Key Components of Quality Systems in Circular Business Models
- › 3.2 Evaluate Current Quality Management Practices for Circularity
- › 3.3 Analyze Stakeholder Roles in Quality Assessment Processes
- › 3.4 Develop Metrics to Measure Quality in Circular Business Practices
- › 3.5 Conduct a Gap Analysis of Existing Quality Systems
- › 3.6 Create an Action Plan for Implementing Quality Improvements

• 4 Designing Integrated Quality Systems for Sustainability — 6 classes

- › 4.1 Assess Current Quality Systems for Sustainability
- › 4.2 Identify Key Components of Integrated Quality Systems
- › 4.3 Develop Metrics for Measuring Quality and Sustainability
- › 4.4 Design an Integrated Quality System Framework
- › 4.5 Implement Stakeholder Engagement Strategies in Quality Systems
- › 4.6 Evaluate and Improve Integrated Quality Systems for Circular Business Models

• 5 Continuous Improvement and Quality Assurance in Circular Operations — 6 classes

- › 5.1 Define Continuous Improvement in Circular Business Models
- › 5.2 Identify Key Quality Assurance Principles for Circular Operations
- › 5.3 Explore Methods for Measuring Quality in Circular Systems
- › 5.4 Analyze Case Studies of Successful Continuous Improvement Practices
- › 5.5 Develop an Action Plan for Implementing Quality Systems
- › 5.6 Evaluate the Impact of Quality Assurance on Circular Business Success

2 Monitoring and Improvement Techniques

5 chapters · 30 classes **85 marks**

• 1 Understanding Key Performance Indicators (KPIs) in Circular Business Models — 6 classes

- › 1.1 Define Key Performance Indicators (KPIs) in Circular Business Models
- › 1.2 Identify Relevant KPIs for Circular Economy Practices
- › 1.3 Analyze the Role of KPIs in Measuring Sustainability Outcomes
- › 1.4 Explore Tools and Techniques for Tracking KPIs in Circular Business Models
- › 1.5 Implement a KPI Framework for Continuous Improvement
- › 1.6 Assess the Impact of KPIs on Circular Business Strategies

• 2 Data Collection Methods for Quality Monitoring — 6 classes

- › 2.1 Identify Key Data Sources for Quality Monitoring
- › 2.2 Compare Qualitative and Quantitative Data Collection Methods
- › 2.3 Design Effective Surveys for Quality Assessment
- › 2.4 Implement Observation Techniques in Quality Monitoring
- › 2.5 Utilize Technology for Data Collection in Circular Models
- › 2.6 Analyze and Interpret Collected Data for Continuous Improvement

• 3 Analyzing Data for Continuous Improvement in Circular Practices — 6 classes

- › 3.1 Identify Key Metrics for Circular Practices
- › 3.2 Collect and Organize Data for Analysis
- › 3.3 Analyze Data Trends to Identify Improvement Areas
- › 3.4 Develop Action Plans Based on Data Insights
- › 3.5 Implement Monitoring Techniques for Continuous Feedback
- › 3.6 Evaluate Outcomes and Adjust Strategies for Improvement

• 4 Implementing Feedback Loops for Quality Assurance — 6 classes

- › 4.1 Identify Key Components of Feedback Loops
- › 4.2 Analyze Data Sources for Effective Quality Monitoring
- › 4.3 Design a Feedback Loop Framework for Quality Assurance
- › 4.4 Implement Feedback Mechanisms in Business Operations
- › 4.5 Evaluate the Effectiveness of Feedback Loops
- › 4.6 Adapt and Improve Feedback Processes for Continuous Quality Enhancement

• 5 Advanced Techniques for Quality Improvement in Circular Economies — 6 classes

- › 5.1 Analyze Root Causes for Quality Issues in Circular Business Models
- › 5.2 Implement Key Performance Indicators for Quality Monitoring
- › 5.3 Utilize Lean Tools to Optimize Circular Processes
- › 5.4 Develop Continuous Improvement Plans for Sustainable Practices
- › 5.5 Integrate Stakeholder Feedback into Quality Improvement Cycles
- › 5.6 Assess the Impact of Technology on Quality Enhancement in Circular Economies

3 Quality Management Foundations

5 chapters · 30 classes **85 marks**

• 1 Introduction to Quality Management Principles in Circular Economy — 6 classes

- › 1.1 Define Quality Management Principles in Circular Economy
- › 1.2 Explore the Relationship Between Quality Management and Sustainability
- › 1.3 Identify Key Circular Economy Concepts Impacting Quality Management
- › 1.4 Analyze Case Studies on Quality Management in Circular Business Models
- › 1.5 Develop Quality Management Strategies for Circular Practices
- › 1.6 Implement Quality Improvement Techniques in Circular Business Models

• 2 Understanding ISO 9001 Standards and Frameworks — 6 classes

- › 2.1 Explore the ISO 9001 Standards Framework
- › 2.2 Identify Key Principles of Quality Management
- › 2.3 Analyze the Process Approach in ISO 9001
- › 2.4 Evaluate the Role of Leadership in Quality Management
- › 2.5 Implement Risk-Based Thinking in Quality Processes
- › 2.6 Develop an Action Plan for ISO 9001 Certification

• 3 Quality Assessment Tools and Techniques for Circular Business Models — 6 classes

- › 3.1 Identify Key Quality Assessment Tools for Circular Business Models
- › 3.2 Evaluate the Effectiveness of Quality Management Techniques
- › 3.3 Analyze Data Collection Methods for Quality Assessment
- › 3.4 Implement Quality Assessment Criteria for Circular Economy Practices
- › 3.5 Interpret Quality Assessment Results to Drive Improvements
- › 3.6 Develop an Action Plan for Continuous Quality Improvement in Circular Business Models

• 4 Implementing Quality Management Systems in Circular Models — 6 classes

- › 4.1 Define the Principles of Quality Management in Circular Business Models
- › 4.2 Identify Key Components of a Quality Management System
- › 4.3 Assess Current Practices Against ISO 9001 Standards
- › 4.4 Develop a Quality Management Framework for Circular Models
- › 4.5 Implement Continuous Improvement Strategies in Quality Systems
- › 4.6 Evaluate the Effectiveness of Quality Management in Circular Operations

• 5 Continuous Improvement and Performance Measurement in Quality Management — 6 classes

- › 5.1 Identify Key Principles of Continuous Improvement
- › 5.2 Explore the PDCA Cycle for Quality Enhancement
- › 5.3 Analyze Performance Measurement Techniques in Quality Management
- › 5.4 Implement Metrics for Continuous Quality Improvement
- › 5.5 Develop a Continuous Improvement Action Plan
- › 5.6 Evaluate the Impact of Improvements on Performance Outcomes

4 Risk Management in Circular Models

5 chapters · 30 classes **45 marks**

• 1 Introduction to Risk Management in Circular Business Models — 6 classes

- 1.1 Define Key Concepts in Risk Management for Circular Business Models
- 1.2 Identify Unique Risks in Circular Business Models
- 1.3 Assess Risk Impact on Circular Business Operations
- 1.4 Develop Mitigation Strategies for Circular Business Risks
- 1.5 Implement Risk Management Frameworks in Circular Models
- 1.6 Evaluate Real-World Case Studies of Risk Management in Circular Businesses

• 2 Identifying and Assessing Risks in Circular Models — 6 classes

- 2.1 Define Key Risks in Circular Business Models
- 2.2 Explore Tools for Risk Identification in Circular Models
- 2.3 Assess the Impact of Identified Risks
- 2.4 Evaluate the Likelihood of Risk Occurrence
- 2.5 Develop a Risk Assessment Matrix for Circular Models
- 2.6 Create an Action Plan for Mitigating Identified Risks

• 3 Evaluating External and Internal Risk Factors in Circulatory Systems — 6 classes

- 3.1 Identify Key External Risks in Circular Business Models
- 3.2 Analyze Internal Risk Factors Affecting Circular Systems
- 3.3 Evaluate the Impact of External Risks on Circular Operations
- 3.4 Assess the Consequences of Internal Risks in Circulatory Systems
- 3.5 Develop Risk Mitigation Strategies for Circular Models
- 3.6 Create a Risk Assessment Framework for Circular Business Operations

• 4 Strategies for Mitigating Risks in Circular Business Practices — 6 classes

- 4.1 Identify Key Risks in Circular Business Models
- 4.2 Analyze the Impact of Risks on Circular Operations
- 4.3 Develop Risk Mitigation Strategies for Resource Recovery
- 4.4 Implement Risk Assessment Tools for Circular Practices
- 4.5 Evaluate the Effectiveness of Risk Mitigation Efforts
- 4.6 Communicate Risk Management Strategies to Stakeholders

• 5 Monitoring, Reviewing, and Improving Risk Management Processes — 6 classes

- 5.1 Identify Key Performance Indicators for Risk Management
- 5.2 Develop Monitoring Strategies for Circular Business Models
- 5.3 Conduct Regular Reviews of Risk Management Effectiveness
- 5.4 Analyze Data to Identify Emerging Risks and Opportunities
- 5.5 Implement Continuous Improvement Practices in Risk Management
- 5.6 Communicate Findings and Adjust Risk Management Plans Accordingly

5 Strategic Leadership in Quality Management

5 chapters · 30 classes **65 marks**

• 1 Understanding Circular Economy Principles in Quality Management — 6 classes

- 1.1 Define Circular Economy Principles in Quality Management
- 1.2 Analyze the Impact of Circular Economy on Quality Standards
- 1.3 Evaluate Case Studies of Successful Circular Business Models
- 1.4 Identify Key Quality Management Practices for Circular Economies
- 1.5 Develop Strategies for Implementing Circular Quality Management
- 1.6 Measure the Success of Circular Economy Initiatives in Quality Management

• 2 Integrating Quality Management Systems with Circular Business Models — 6 classes

- 2.1 Assessing the Intersection of Quality Management and Circular Economy Principles
- 2.2 Identifying Key Stakeholders in Circular Quality Management Systems
- 2.3 Developing Quality Objectives Aligned with Circular Business Goals
- 2.4 Implementing Continuous Improvement Practices in Circular Models
- 2.5 Measuring Effectiveness of Quality Management in Circular Systems
- 2.6 Creating a Leadership Framework for Sustainable Quality Management

• 3 Assessing Risks and Opportunities in Circular Quality Management — 6 classes

- 3.1 Identify Key Risks in Circular Quality Management
- 3.2 Evaluate Opportunities for Improvement in Circular Practices
- 3.3 Analyze Stakeholder Impact on Risk Assessment
- 3.4 Develop a Risk Mitigation Strategy for Circular Models
- 3.5 Implementing Opportunities: Best Practices in Quality Management
- 3.6 Measure and Monitor Success in Circular Quality Initiatives

• 4 Strategic Leadership for Sustainable Quality Management — 6 classes

- 4.1 Define Strategic Leadership in Quality Management
- 4.2 Explore the Principles of Sustainable Quality Management
- 4.3 Analyze Circular Business Models for Quality Improvement
- 4.4 Implement Leadership Strategies for Quality Enhancements
- 4.5 Evaluate Case Studies on Strategic Leadership in Quality
- 4.6 Develop an Action Plan for Quality Management Leadership

• 5 Measuring Success: Key Performance Indicators for Circular Quality Systems — 6 classes

- 5.1 Define Key Performance Indicators for Circular Quality Systems
- 5.2 Identify Relevant Metrics to Measure Circular Success
- 5.3 Assess Current Performance Levels Using KPIs
- 5.4 Analyze Data Trends to Inform Quality Management Decisions
- 5.5 Develop a KPI Dashboard for Continuous Monitoring
- 5.6 Implement Action Plans Based on KPI Insights

6 Sustainability in Circular Economies

5 chapters · 30 classes **65 marks**

- **1 Principles of Sustainability in Circular Economies** — 6 classes
  - 1.1 Define Sustainability and Its Importance in Circular Economies
  - 1.2 Explore The Principles of Circular Economy Models
  - 1.3 Identify Key Components of Sustainable Practices in Business
  - 1.4 Analyze Real-World Examples of Successful Circular Business Models
  - 1.5 Assess Challenges and Solutions in Implementing Sustainability
  - 1.6 Develop a Plan for Integrating Sustainability into Business Strategies
- **2 Designing for Circularity: Strategies and Practices** — 6 classes
  - 2.1 Analyze Key Principles of Circular Design
  - 2.2 Identify Materials for Sustainability in Product Design
  - 2.3 Evaluate Lifecycle Assessment Methods for Circularity
  - 2.4 Integrate User-Centric Approaches in Circular Design
  - 2.5 Develop Strategies for Product Longevity and Repairability
  - 2.6 Implement Business Models that Support Circularity
- **3 Measuring and Evaluating Sustainability Performance** — 6 classes
  - 3.1 Define Key Sustainability Metrics for Circular Business Models
  - 3.2 Analyze Current Sustainability Performance Trends
  - 3.3 Implement Evaluation Techniques for Sustainability Assessment
  - 3.4 Develop a Framework for Continuous Sustainability Improvement
  - 3.5 Utilize Tools for Benchmarking Sustainability Against Industry Standards
  - 3.6 Present Findings and Recommendations to Enhance Sustainable Practices
- **4 Leadership and Change Management in Circular Models** — 6 classes
  - 4.1 Understanding Leadership Roles in Circular Business Models
  - 4.2 Identifying Key Challenges in Change Management for Sustainability
  - 4.3 Developing Effective Communication Strategies for Circular Leadership
  - 4.4 Implementing Change: Tools and Techniques for Circular Leaders
  - 4.5 Measuring Success: KPIs for Leadership in Circular Economies
  - 4.6 Engaging Stakeholders in the Transition to Circular Business Practices
- **5 Innovative Business Models for Circular Economy Success** — 6 classes
  - 5.1 Explore Circular Economy Principles in Business Models
  - 5.2 Identify Key Characteristics of Innovative Circular Businesses
  - 5.3 Analyze Case Studies of Successful Circular Business Models
  - 5.4 Design a Prototype Circular Business Model for Your Sector
  - 5.5 Evaluate the Impact of Circular Practices on Business Sustainability
  - 5.6 Develop a Strategic Plan for Implementing Circular Innovations