

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 59020 — Measuring and Assessing Circularity Performance

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference ENV-CIR-59020 • ISO Environmental Sustainability

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AT A GLANCE

REFERENCE	ENV-CIR-59020
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Case Studies in Circular Economy

5 chapters · 30 classes 85 marks

• 1 Fundamentals of Circular Economy and ISO 59020 Standards — 6 classes

› 1.1 Define Circular Economy: Key Concepts and Principles

› 1.2 Explore ISO 59020: Understanding Measurement Standards

› 1.3 Identify Benefits of Circular Practices in Business

› 1.4 Analyze Case Studies: Successful Circular Economy Implementations

› 1.5 Evaluate Metrics: Assessing Circularity Performance with ISO 59020

› 1.6 Develop a Circularity Action Plan: Applying ISO 59020 to Your Organisation

• 2 Identifying Circular Economy Opportunities in Business Models — 6 classes

› 2.1 Explore Circular Economy Principles in Business Models

› 2.2 Analyze Current Business Models for Circularity Gaps

› 2.3 Identify Key Stakeholders in Circular Economy Transition

› 2.4 Evaluate Case Studies of Successful Circular Business Models

› 2.5 Brainstorm Innovative Circular Economy Opportunities

› 2.6 Develop a Circular Business Model Proposal

• 3 Implementing Circular Solutions: Strategies and Practices — 6 classes

› 3.1 Identify Key Circular Economy Principles in Case Studies

› 3.2 Analyze Successful Circular Solutions Implementation

› 3.3 Evaluate the Role of Stakeholders in Circular Practices

› 3.4 Develop Metrics for Assessing Circularity Performance

› 3.5 Create a Strategic Plan for Circular Solution Rollout

› 3.6 Present Case Study Findings and Recommendations

• 4 Measuring Circularity Performance: Tools and Metrics — 6 classes

› 4.1 Identify Key Metrics for Circular Economy Assessment

› 4.2 Analyze Existing Tools for Measuring Circularity

› 4.3 Evaluate Case Studies on Circularity Performance

› 4.4 Develop a Framework for Circularity Measurement

› 4.5 Apply Metrics to Real-World Circularity Scenarios

› 4.6 Present Findings on Circularity Performance Improvements

• 5 Evaluating Case Studies: Lessons Learned and Best Practices — 6 classes

› 5.1 Identify Key Metrics in Circularity Case Studies

› 5.2 Analyze Successful Circular Economy Implementations

› 5.3 Compare Challenges Faced by Various Case Studies

› 5.4 Extract Best Practices from Leading Circular Economy Models

› 5.5 Discuss Lessons Learned from Failures in Circular Initiatives

› 5.6 Develop a Strategic Action Plan for Circularity Implementation

• 1 Foundations of Circular Economy and Performance Metrics — 6 classes

- › 1.1 Define the Circular Economy and Its Principles
- › 1.2 Identify Key Circularity Performance Metrics
- › 1.3 Analyze the Relationship Between Circularity and Sustainability
- › 1.4 Evaluate Current Circularity Performance in Industries
- › 1.5 Apply Circularity Metrics to Real-World Case Studies
- › 1.6 Develop a Framework for Measuring Circularity Performance

• 1 Introduction to Circularity Performance Metrics — 6 classes

- › 1.1 Define Key Concepts of Circularity Performance Metrics
- › 1.2 Explore ISO 59020 Standards for Circularity Measurement
- › 1.3 Identify Relevant Circularity Performance Indicators
- › 1.4 Analyze Case Studies of Circularity Performance Metrics
- › 1.5 Apply Metrics to Evaluate Circular Practices in Organizations
- › 1.6 Develop a Circularity Performance Assessment Framework

• 2 Key Indicators for Assessing Circularity Performance — 6 classes

- › 2.1 Define Key Circularity Performance Indicators
- › 2.2 Identify Data Sources for Circularity Metrics
- › 2.3 Analyze Current Circularity Performance Trends
- › 2.4 Develop a Framework for Measuring Circularity
- › 2.5 Implement Tools for Assessing Circularity Metrics
- › 2.6 Evaluate and Adjust Circularity Performance Strategies

• 2 Key Metrics for Assessing Circularity — 6 classes

- › 2.1 Identify Key Metrics for Circularity Assessment
- › 2.2 Analyze Life Cycle Assessment (LCA) Insights
- › 2.3 Evaluate Material Flow Analysis Techniques
- › 2.4 Apply Circular Economy Indicators in Practice
- › 2.5 Benchmark Circularity Metrics Against Industry Standards
- › 2.6 Develop a Strategic Action Plan for Improving Circularity

• 3 Data Collection and Analysis Techniques for Circularity Metrics — 6 classes

- › 3.1 Identify Key Data Sources for Circularity Metrics
- › 3.2 Collect Qualitative and Quantitative Data for Analysis
- › 3.3 Analyze Data Trends to Assess Circularity Performance
- › 3.4 Use Software Tools for Data Visualization in Circularity Metrics
- › 3.5 Interpret Data Findings to Inform Circularity Strategies
- › 3.6 Present Data-Driven Recommendations for Circularity Improvements

• 3 Data Collection and Interpretation Methods — 6 classes

- › 3.1 Identify Key Data Sources for Circularity Metrics
- › 3.2 Develop Data Collection Techniques for Accurate Measurement
- › 3.3 Evaluate Qualitative versus Quantitative Data in Circularity
- › 3.4 Analyze Data Trends in Circularity Performance Metrics
- › 3.5 Interpret Results to Assess Circularity Impact
- › 3.6 Design Action Plans Based on Data Insights for Improvement

• 4 Benchmarking Circularity Performance Against Standards — 6 classes

- › 4.1 Define Circularity Performance Metrics
- › 4.2 Identify Key Standards for Benchmarking
- › 4.3 Analyze Current Circularity Performance Data
- › 4.4 Compare Performance Against Established Standards
- › 4.5 Develop Improvement Strategies Based on Benchmarking
- › 4.6 Present Findings and Recommendations for Circularity Enhancements

• 4 Benchmarking Circularity: Case Studies and Best Practices — 6 classes

- › 4.1 Analyze Benchmarking Tools for Circularity Assessment
- › 4.2 Explore Case Studies Demonstrating Circularity Success
- › 4.3 Identify Key Metrics for Measuring Circularity Performance
- › 4.4 Compare Best Practices in Circularity Benchmarking
- › 4.5 Evaluate the Impact of Circularity Metrics on Business Decisions
- › 4.6 Design a Circularity Benchmarking Framework for Implementation

• 5 Reporting and Communicating Circularity Performance Outcomes — 6 classes

- › 5.1 Define Circularity Performance Metrics for Accurate Reporting
- › 5.2 Identify Key Stakeholders in Circularity Communication
- › 5.3 Develop Effective Reporting Frameworks for Circularity Outcomes
- › 5.4 Analyze Case Studies of Successful Circularity Reporting
- › 5.5 Create Visual Representations to Communicate Circularity Data
- › 5.6 Evaluate the Impact of Circularity Reporting on Stakeholder Engagement

• 5 Implementing and Communicating Circularity Metrics — 6 classes

- › 5.1 Define Key Circularity Metrics for Assessment
- › 5.2 Establish Baseline Circularity Performance Levels
- › 5.3 Integrate Stakeholder Input in Circularity Metrics
- › 5.4 Develop Effective Communication Strategies for Metrics
- › 5.5 Create Visual Dashboards for Circularity Performance
- › 5.6 Analyze and Report on Circularity Metrics Effectively

• 1 Understanding Circular Economy Principles — 6 classes

- › 1.1 Define Circular Economy Principles and Concepts
- › 1.2 Analyze the Differences Between Linear and Circular Economies
- › 1.3 Explore the Benefits of Adopting Circular Economy Practices
- › 1.4 Identify Key Stakeholders in Circular Economy Initiatives
- › 1.5 Evaluate Real-World Examples of Circular Economy Implementation
- › 1.6 Develop Strategies for Measuring Circularity Performance

• 2 Key Metrics for Evaluating Circularity — 12 classes

- › 2.1 Identify Key Metrics for Circularity Assessment
- › 2.1 Identify Key Circularity Metrics for Evaluation
- › 2.2 Analyze the Role of Life Cycle Assessment in Circularity
- › 2.2 Analyze the Importance of Resource Efficiency in Circularity
- › 2.3 Evaluate Resource Efficiency and Waste Reduction Metrics
- › 2.3 Assess Life Cycle Assessments (LCAs) in Circularity Metrics
- › 2.4 Compare Circularity Indicators Across Different Industries
- › 2.4 Evaluate Waste Management Strategies for Circular Performance
- › 2.5 Assess the Impact of Circular Practices on Environmental Footprint
- › 2.5 Develop a Framework for Monitoring Circularity Progress
- › 2.6 Develop a Circularity Performance Measurement Framework
- › 2.6 Apply Circularity Metrics to Real-World Case Studies

• 3 ISO 59020 Standards and Compliance Requirements — 6 classes

- › 3.1 Understand ISO 59020 Standards and Their Importance
- › 3.2 Identify Key Compliance Requirements in ISO 59020
- › 3.3 Explore the Circularity Performance Metrics Defined by ISO 59020
- › 3.4 Analyze Case Studies of ISO 59020 Implementation
- › 3.5 Develop a Plan for ISO 59020 Compliance Assessment
- › 3.6 Evaluate the Impact of ISO 59020 on Environmental Performance

• 4 Tools and Techniques for Environmental Impact Assessment — 6 classes

- › 4.1 Identify Key Tools for Environmental Impact Assessment
- › 4.2 Analyze Techniques for Measuring Circularity Performance
- › 4.3 Evaluate the Role of Stakeholder Engagement in Assessments
- › 4.4 Apply Life Cycle Assessment (LCA) Methodologies
- › 4.5 Utilize Data Collection Tools for Effective Analysis
- › 4.6 Develop a Circularity Performance Evaluation Framework

• 5 Case Studies in Circular Economy Implementation — 6 classes

- › 5.1 Analyze Key Circular Economy Case Studies
- › 5.2 Identify Success Factors in Circular Initiatives
- › 5.3 Evaluate Environmental Impact in Case Examples
- › 5.4 Compare Circular Strategies Across Different Sectors
- › 5.5 Design a Circularity Performance Assessment Framework
- › 5.6 Present and Defend a Case Study Analysis

• 1 Foundations of Circularity Performance Assessment — 6 classes

- › 1.1 Define Circularity Performance and Its Importance
- › 1.2 Explore Key Metrics for Assessing Circularity
- › 1.3 Analyze Current Circularity Performance Assessment Frameworks
- › 1.4 Evaluate Innovative Assessment Techniques in Circular Economy
- › 1.5 Develop Strategies for Implementing Circularity Assessment Tools
- › 1.6 Create a Circularity Performance Assessment Action Plan

• 2 Innovative Measurement Techniques and Tools — 6 classes

- › 2.1 Explore Innovative Measurement Tools for Circularity
- › 2.2 Identify Key Metrics for Assessing Circularity Performance
- › 2.3 Analyze Data: Techniques for Measuring Circularity Impact
- › 2.4 Evaluate Case Studies on Circularity Measurements
- › 2.5 Develop a Circularity Assessment Framework
- › 2.6 Implement Innovative Assessment Techniques in Real-World Scenarios

• 3 Data Collection and Analysis for Circular Assessments — 6 classes

- › 3.1 Identify Key Data Sources for Circular Assessments
- › 3.2 Develop Effective Data Collection Methods for Circularity
- › 3.3 Analyze Quantitative Data for Circular Performance Metrics
- › 3.4 Interpret Qualitative Insights from Circularity Assessments
- › 3.5 Create Visualizations to Communicate Circularity Data
- › 3.6 Design Actionable Recommendations Based on Data Findings

• 4 Integrating Stakeholder Perspectives in Assessments — 6 classes

- › 4.1 Identify Key Stakeholders for Circularity Assessments
- › 4.2 Analyze Stakeholder Perspectives on Circularity
- › 4.3 Develop Effective Communication Strategies for Engagement
- › 4.4 Design Collaborative Assessment Tools Incorporating Stakeholder Input
- › 4.5 Implement Feedback Loops to Enhance Assessment Accuracy
- › 4.6 Evaluate the Impact of Stakeholder Engagement on Assessment Outcomes

• 5 Future Trends in Circularity Assessment Techniques — 6 classes

- › 5.1 Explore Emerging Technologies in Circularity Assessment
- › 5.2 Analyze Current Trends in Circular Economy Metrics
- › 5.3 Compare Traditional vs. Innovative Assessment Techniques
- › 5.4 Develop Frameworks for Effective Circularity Measurement
- › 5.5 Implement Case Studies of Successful Circularity Assessments
- › 5.6 Evaluate the Future of Circularity Assessment Tools and Practices

• 1 Foundations of Circular Economy and Sustainability Leadership

— 6 classes

- › 1.1 Define Circular Economy Principles and Key Concepts
- › 1.2 Explore the Role of Leadership in Driving Sustainability
- › 1.3 Identify Stakeholders and Their Influence on Circular Practices
- › 1.4 Assess Current Circularity Performance Metrics and Standards
- › 1.5 Develop Strategies for Implementing Circular Economy Initiatives
- › 1.6 Create an Action Plan for Sustainable Leadership in Your Context

• 2 Measuring Circularity: Tools and Metrics — 12 classes

- › 2.1 Identify Key Metrics for Circularity Assessment
- › 2.1 Identify Key Metrics of Circularity Performance
- › 2.2 Analyze Existing Circularity Measurement Tools
- › 2.2 Analyze Tools for Measuring Sustainability Impact
- › 2.3 Apply ISO 59020 Standards to Sustainability Leadership
- › 2.3 Evaluate Circularity Frameworks in Leadership Practices
- › 2.4 Evaluate Circularity Performance in Case Studies
- › 2.4 Implement Data Collection Techniques for Circularity Assessment
- › 2.5 Develop a Personal Circularity Assessment Framework
- › 2.5 Compare Industry Standards for Circularity Measurement
- › 2.6 Present Findings and Recommendations on Circularity Metrics
- › 2.6 Develop a Circularity Performance Improvement Plan

• 3 Implementing Circular Strategies: Challenges and Opportunities

— 6 classes

- › 3.1 Identify Key Challenges in Implementing Circular Strategies
- › 3.2 Analyze Opportunities for Circularity in Business Models
- › 3.3 Develop a Framework for Assessing Circularity Performance
- › 3.4 Explore Leadership Roles in Enhancing Circular Practices
- › 3.5 Design Action Plans to Overcome Implementation Barriers
- › 3.6 Evaluate Case Studies of Successful Circular Strategy Implementation

• 4 Governance and Stakeholder Engagement in Sustainability — 6 classes

- › 4.1 Identify Key Stakeholders in Sustainability Governance
- › 4.2 Analyze Stakeholder Interests and Influence on Circularity
- › 4.3 Develop Effective Communication Strategies for Stakeholder Engagement
- › 4.4 Assess Governance Structures Supporting Sustainability Initiatives
- › 4.5 Evaluate Collaborative Approaches to Enhance Circularity
- › 4.6 Create a Stakeholder Engagement Plan for Circular Economy Projects

• 5 Leading Change: Inspiring and Sustaining Circular Practices — 12 classes

- › 5.1 Define and Understand Circular Practices in Leadership
- › 5.1 Define Circularity: Understanding Key Concepts and Terms
- › 5.2 Analyze the Role of Leadership in Promoting Sustainability
- › 5.2 Assess Current Practices: Evaluating Existing Leadership Approaches
- › 5.3 Identify Strategies for Inspiring Change Towards Circularity
- › 5.3 Inspire Your Team: Strategies for Communicating the Vision of Circular Practices
- › 5.4 Develop Communication Skills for Advocating Circular Practices
- › 5.4 Develop a Roadmap: Planning for Implementation of Circular Strategies
- › 5.5 Measure Success: Assessing Circularity Performance in Teams
- › 5.5 Overcome Resistance: Techniques for Managing Change and Engaging Stakeholders
- › 5.6 Create an Action Plan for Sustaining Circular Leadership Practices
- › 5.6 Measure Success: Establishing Metrics for Continuous Improvement in Circularity

• 1 Understanding Circular Economy Principles for Strategic Design

— 6 classes

- › 1.1 Define Key Concepts of Circular Economy
- › 1.2 Analyze the Benefits of Circular Economy Practices
- › 1.3 Explore Case Studies of Successful Circular Strategies
- › 1.4 Identify Barriers to Implementing Circular Practices
- › 1.5 Develop a Circular Economy Framework for Strategic Design
- › 1.6 Evaluate Measurement Tools for Circularity Assessment

• 2 Developing Circular Business Models: Key Strategies — 6 classes

- › 2.1 Identify Key Components of Circular Business Models
- › 2.2 Analyze Case Studies of Successful Circular Practices
- › 2.3 Assess Stakeholder Roles in Circular Strategies
- › 2.4 Develop Value Propositions for Circular Offerings
- › 2.5 Design Metrics for Measuring Circular Performance
- › 2.6 Create a Circular Business Model Canvas

• 3 Assessing Circularity Performance: Metrics and Tools — 6 classes

- › 3.1 Define Key Metrics for Circularity Assessment
- › 3.2 Identify Tools for Measuring Circularity Performance
- › 3.3 Analyze Case Studies of Successful Circular Practices
- › 3.4 Develop a Circularity Performance Benchmarking Framework
- › 3.5 Implement Data Collection Techniques for Circular Metrics
- › 3.6 Interpret Circularity Performance Results for Strategic Decisions

• 4 Implementing Circular Strategies: Case Studies and Best Practices — 6 classes

- › 4.1 Analyse Successful Circular Strategy Implementations
- › 4.2 Evaluate Key Performance Indicators for Circularity
- › 4.3 Identify Challenges in Adopting Circular Practices
- › 4.4 Develop Action Plans Based on Case Studies
- › 4.5 Collaborate on Circular Innovation Workshop
- › 4.6 Present Best Practices in Circular Strategy to Stakeholders

• 5 Leadership in Circular Practices: Driving Organizational Change — 6 classes

- › 5.1 Define Leadership Roles in Circular Practices
- › 5.2 Identify Key Drivers for Organizational Change
- › 5.3 Assess Current Practices Against Circularity Standards
- › 5.4 Develop a Vision for Circular Leadership
- › 5.5 Create a Strategic Roadmap for Implementation
- › 5.6 Measure and Evaluate Leadership Impact on Circular Performance