

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 14001CMT — Environmental Management in Construction Materials

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-CMT-14001CMT • ISO Building & Construction

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	BLD-CMT-14001CMT
AWARD	Certificate
ASSESSMENT	300 marks — 180 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

ISO BLD Foundation

7 chapters · 42 classes100 marks

• 4 Clause 4: Context of the Organisation — 6 classes

› Understanding the Organisation in ISO 14001CMT Framework

› Identifying Interested Parties in Environmental Management

› Defining the Scope of ISO 14001CMT Application

› Establishing Management System Boundaries in Construction

› Assessing External and Internal Context for ISO 14001CMT

› Interpreting the Importance of Stakeholder Engagement in ISO 14001CMT

• 5 Clause 5: Leadership — 6 classes

› The Importance of Leadership Commitment in ISO 14001CMT

› Developing an Environmental Policy for Construction Materials

› Defining Roles and Responsibilities in Environmental Management

› Establishing Authorities Within ISO 14001CMT Framework

› Integrating Leadership in Environmental Management Systems

› Fostering a Culture of Environmental Responsibility in Construction

• 6 Clause 6: Planning — 6 classes

› Identifying Environmental Risks in Construction Materials

› Opportunities for Sustainable Practices in ISO 14001CMT

› Setting Measurable Environmental Objectives in Construction

› Developing a Planning Framework for Environmental Goals

› Evaluating Risks and Opportunities in Construction Management

› Integrating ISO 14001CMT into Construction Project Planning

• 7 Clause 7: Support — 6 classes

› Ensuring Resources for ISO 14001CMT Compliance

› Building Competence in Environmental Management Practices

› Fostering Awareness of Environmental Impacts in Construction

› Effective Communication Strategies for ISO 14001CMT

› Documented Information Management in Environmental Standards

› Training Needs Assessment for Construction Materials Management

• 8 Clause 8: Operation — 6 classes

› Establishing Operational Controls in ISO 14001CMT

› Identifying Environmental Aspects in Construction Materials

› Risk Assessment for Environmental Management in Construction

› Implementing Operational Procedures per ISO 14001CMT

› Monitoring and Measuring Operations in Environmental Management

› Continuous Improvement in ISO 14001CMT Operations

• 9 Clause 9: Performance Evaluation — 6 classes

› Implementing Effective Monitoring in ISO 14001CMT Framework

› Key Metrics for Measuring Environmental Performance in Construction

› Analysing Data: Tools for ISO 14001CMT Evaluation

› Conducting Internal Audits for Continuous Improvement

› Management Review Processes under ISO 14001CMT Guidelines

› Integrating Performance Evaluation with Environmental Objectives

• 10 Clause 10: Improvement — 6 classes

› Understanding Nonconformity in Environmental Management Practices

› Implementing Corrective Actions in Construction Material Processes

› Evaluating Nonconformities for Continuous Improvement

› Developing an Effective Environmental Management Action Plan

› Monitoring and Reviewing Improvement Actions in ISO 14001CMT

› Achieving Sustainable Practices Through Continuous Improvement Strategies

• CH1 Understanding ISO 14001CMT and Its Importance — 6 classes

- › Overview of ISO 14001CMT Standards
- › Benefits of Environmental Management in Construction
- › Key Principles of ISO 14001CMT
- › Environmental Aspects and Impacts in Construction
- › Legal and Compliance Requirements for Materials
- › Setting the Foundation for Successful Implementation

• CH2 Conducting Gap Analysis for Implementation — 6 classes

- › Defining Current State of Environmental Practices
- › Identifying Gaps Against ISO 14001CMT Requirements
- › Tools and Techniques for Effective Gap Analysis
- › Engaging Stakeholders in the Gap Assessment
- › Prioritising Gaps for Action Planning
- › Creating a Roadmap for Addressing Identified Gaps

• CH3 Project Planning for ISO 14001CMT Implementation — 6 classes

- › Developing a Detailed Project Plan
- › Defining Roles and Responsibilities
- › Establishing Timelines and Milestones
- › Resource Allocation for ISO 14001CMT Projects
- › Communicating the Project Plan to Stakeholders
- › Monitoring and Reviewing Project Progress

• CH4 Documentation Requirements and Control — 6 classes

- › Creating Necessary Documentation for ISO 14001CMT
- › Document Control Processes and Best Practices
- › Implementing an Effective Document Management System
- › Records Keeping for Environmental Performance
- › Communicating Policies and Procedures to Teams
- › Reviewing and Updating Documentation Regularly

• CH5 Internal Audits and Management Review Processes — 6 classes

- › Planning and Preparing for Internal Audits
- › Conducting Internal Audits for ISO 14001CMT
- › Identifying Non-Conformities and Opportunities for Improvement
- › Planning Effective Management Review Meetings
- › Engaging Senior Management in Reviews
- › Ensuring Certification Readiness for ISO 14001CMT

• CH1 Understanding ISO 14001CMT in Construction Materials — 6 classes

- › Introduction to ISO 14001CMT Standards
- › Key Principles of Environmental Management
- › Impact of Construction Materials on Environment
- › Regulatory Frameworks in Construction
- › ISO Certification Process Overview
- › Case Studies on ISO 14001CMT Implementation

• CH2 Integrating ISO Skills into Construction Practices — 6 classes

- › Positioning ISO Skills within Construction Sectors
- › Adopting Best Practices for ISO Compliance
- › Bridging the Gap: ISO and Industry Integration
- › Sustainable Practices in Construction Materials
- › Role of Environmental Management in Project Success
- › Developing ISO-Aligned Strategies for Construction

• CH3 Consultant Branding and Positioning in the Market — 6 classes

- › Building a Strong Consultant Brand
- › Market Analysis for ISO Consulting Services
- › Effective Networking and Relationship Building
- › Creating Value Propositions for Clients
- › Promotion Strategies for ISO Consultants
- › Maintaining a Competitive Edge in Consulting

• CH4 Advisory Services for Construction Clients — 6 classes

- › Understanding Client Needs and Expectations
- › Developing Customized Consulting Solutions
- › Effective Communication Skills for Consultants
- › Knowledge Transfer and Training for Clients
- › Monitoring and Evaluating Client Projects
- › Building Long-term Relationships with Clients

• CH5 Establishing a Successful Consulting Practice — 6 classes

- › Business Models for ISO Consulting Firms
- › Legal and Ethical Considerations in Consulting
- › Financial Management for Consulting Practices
- › Creating a Business Development Plan
- › Leveraging Technology for Consulting Efficiency
- › Future Trends in Environmental Consulting