

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 14001STR — Environmental Management in Structural Construction

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 BLD-STR-14001STR • ISO Building & Construction

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	BLD-STR-14001STR
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's Role in ISO 14001STR

› Identifying Interested Parties in Environmental Management

› Defining the Scope of ISO 14001STR Implementation

› Establishing Management System Boundaries in Construction

› Analyzing External and Internal Environmental Contexts

› Integrating Stakeholder Needs into ISO 14001STR Framework

• 5 Clause 5: Leadership — 6 classes

› Understanding Leadership Commitment in ISO 14001STR

› Establishing Environmental Policy in Structural Construction

› Defining Roles and Responsibilities in Environmental Management

› Authority and Accountability in ISO 14001STR Implementation

› Engaging Stakeholders in Environmental Leadership

› Fostering a Culture of Environmental Responsibility in Teams

• 6 Clause 6: Planning — 6 classes

› Identifying Environmental Risks in Structural Construction

› Opportunities for Improvement in Environmental Management

› Setting Measurable Objectives for ISO 14001STR

› Developing Action Plans to Achieve Environmental Goals

› Integrating Environmental Planning into Project Management

› Monitoring Progress Towards Environmental Objectives in Construction

• 7 Clause 7: Support — 6 classes

› Understanding Resource Requirements in ISO 14001STR

› Building Competence for Environmental Management in Construction

› Fostering Awareness of Environmental Impacts in Structural Projects

› Effective Communication Strategies under ISO 14001STR

› Documented Information Management in Environmental Procedures

› Ensuring Support Functions for ISO 14001STR Compliance

• 8 Clause 8: Operation — 6 classes

› Understanding Operational Planning in Environmental Management Systems

› Establishing Control Measures for Construction Operations

› Risk Assessment Processes in Structural Construction

› Implementing Procedures for Emergency Preparedness and Response

› Monitoring and Evaluating Environmental Performance in Operations

› Documenting and Communicating Operational Controls Effectively

• 9 Clause 9: Performance Evaluation — 6 classes

› Establishing Monitoring Processes in ISO 14001STR

› Measuring Environmental Performance in Structural Construction

› Data Analysis Techniques for ISO 14001STR Compliance

› Conducting Effective Internal Audits under ISO 14001STR

› Evaluating Performance Against ISO 14001STR Objectives

› Management Review Practices for ISO 14001STR Success

• 10 Clause 10: Improvement — 6 classes

› Understanding Nonconformities in Environmental Management Systems

› Identifying Root Causes of Nonconformity in Construction

› Corrective Actions for Nonconformity in ISO 14001STR

› Implementing Effective Monitoring for Continuous Improvement

› Developing an Action Plan for Environmental Enhancement

› Promoting a Culture of Continuous Improvement in Construction

• CH1 Understanding ISO 14001STR Requirements for Implementation — 6 classes

- › Introduction to ISO 14001STR Standards and Benefits
- › Key Principles of Environmental Management in Construction
- › Identifying Stakeholders in Structural Construction Projects
- › Legal and Regulatory Framework for Environmental Compliance
- › Interpreting ISO 14001STR Clauses for Practical Application
- › Aligning Business Objectives with Environmental Goals

• CH2 Conducting Gap Analysis for ISO 14001STR — 6 classes

- › Setting Up the Gap Analysis Framework
- › Identifying Current Environmental Practices and Policies
- › Assessing Existing Documentation Against ISO Requirements
- › Identifying Areas for Improvement in Environmental Performance
- › Developing Action Plans to Address Gaps
- › Communicating Gap Analysis Results to Stakeholders

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

- › Creating a Project Plan for ISO 14001STR Implementation
- › Defining Roles and Responsibilities in the Implementation Team
- › Setting Realistic Timelines and Milestones for Implementation
- › Resource Allocation and Budgeting for Successful Implementation
- › Risk Management Strategies in Implementation Projects
- › Monitoring Progress and Adjusting the Project Plan

• CH4 Documentation and Record Keeping for ISO 14001STR — 6 classes

- › Developing an Environmental Management System Documentation
- › Best Practices for Environmental Policy and Objectives Writing
- › Maintaining Records of Environmental Performance and Compliance
- › Document Control Procedures for ISO 14001STR
- › Creating Training Materials for Environmental Management Awareness
- › Utilising Technology for Efficient Document Management

• CH5 Internal Auditing and Certification Readiness — 6 classes

- › Understanding the Purpose of Internal Audits
- › Developing an Internal Audit Plan for ISO 14001STR
- › Conducting Effective Internal Audits in Construction Projects
- › Evaluating Audit Findings and Identifying Non-Conformities
- › Preparing for External Certification Audits
- › Continuous Improvement Strategies Following Internal Audits

• CH1 Understanding ISO 14001STR in Construction — 6 classes

- › Overview of ISO 14001STR Standards
- › Key Principles of Environmental Management
- › Benefits of Adoption in Structural Construction
- › ISO Certification Process Overview
- › Understanding Environmental Aspects and Impacts
- › Roles and Responsibilities in ISO Compliance

• CH2 Integrating ISO Skills within Industry Sectors — 6 classes

- › Mapping ISO Skills to Industry Needs
- › Identifying Key Stakeholders in Construction
- › Bridging the Gap Between ISO Standards and Practice
- › Sector-Specific Environmental Considerations
- › Case Studies of Successful Integration
- › Future Trends in ISO and Construction

• CH3 Consultant Branding in the ISO Landscape — 6 classes

- › Creating a Strong Consultant Brand
- › Positioning Your Expertise in the Market
- › Differentiating from Competitors
- › Utilizing Digital Marketing Strategies
- › Building Client Trust and Relationships
- › Brand Messaging for Environmental Consultants

• CH4 LAPT Partner Framework for Consultancies — 6 classes

- › Understanding the LAPT Partner Framework
- › Collaboration Opportunities within the Framework
- › Leveraging Partnerships for Growth
- › Best Practices for Partner Engagement
- › Case Studies of Successful Partnerships
- › Monitoring and Evaluating Partnership Effectiveness

• CH5 Building a Sustainable Consulting Practice — 6 classes

- › Foundations of a Successful Consulting Business
- › Client Advisory Services in Environmental Management
- › Developing Service Offerings for ISO Clients
- › Strategic Planning for Sustainable Growth
- › Navigating Challenges in Consulting
- › Measuring Success: KPIs for Consulting Practices