

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 50001 — Energy Management Systems

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference ENG-RNW-50001 • ISO Energy

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AT A GLANCE

REFERENCE	ENG-RNW-50001
AWARD	Certificate
ASSESSMENT	300 marks — 180 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

ISO ENG Foundation

7 chapters · 42 classes100 marks

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

› Understanding the Organisation's Energy Management Context

› Identifying Interested Parties for Energy Management Systems

› Defining the Scope of ISO 50001 Implementation

› Establishing Boundaries for Energy Management Systems

› Assessing Internal and External Issues in Energy Management

› Developing a Stakeholder Engagement Strategy for ISO 50001

• 5 Clause 5: Leadership — 6 classes

› Understanding Leadership Commitment in ISO 50001

› Formulating an Effective Energy Management Policy

› Defining Roles in Energy Management Systems

› Assigning Responsibilities under ISO 50001 Guidelines

› Establishing Authority for Energy Management Leadership

› Fostering a Culture of Commitment to Energy Efficiency

• 6 Clause 6: Planning — 6 classes

› Identifying Risks and Opportunities in Energy Management

› Establishing Energy Management Objectives Effectively

› Integrating ISO 50001 into Strategic Energy Planning

› Developing an Action Plan for Energy Objectives

› Measuring Success: Indicators for Energy Management Goals

› Ensuring Stakeholder Engagement in Energy Planning Processes

• 7 Clause 7: Support — 6 classes

› Understanding Resource Allocation in ISO 50001 Energy Management

› Building Competence for Energy Management System Success

› Raising Awareness: Energy Efficiency and ISO 50001

› Effective Communication Strategies for ISO 50001 Implementation

› Documented Information Requirements in ISO 50001

› Fostering a Culture of Continuous Improvement in Energy Management

• 8 Clause 8: Operation — 6 classes

› Developing Operational Planning for ISO 50001 Compliance

› Implementing Energy Control Measures in Operations

› Monitoring and Measuring Energy Performance Within ISO 50001

› Establishing Responsibilities for Energy Management Operations

› Documented Procedures for ISO 50001 Operational Controls

› Managing Risks and Opportunities in Energy Operations

• 9 Clause 9: Performance Evaluation — 6 classes

› Monitoring Energy Performance in ISO 50001 Systems

› Measuring Success: Key Metrics for Energy Management

› Analysing Data for Effective Energy Management Strategies

› Evaluating Outcomes of Energy Management Initiatives

› Conducting Internal Audits for ISO 50001 Compliance

› Management Review Processes for Continuous Improvement in Energy Management

• 10 Clause 10: Improvement — 6 classes

› Identifying Nonconformity Within ISO 50001 Framework

› Implementing Corrective Actions for Energy Management

› Effective Root Cause Analysis in Energy Systems

› Strategies for Continual Improvement in Energy Management

› Monitoring and Reviewing Corrective Actions under ISO 50001

› Integrating Lessons Learned into ISO 50001 Practices

• CH1 Understanding ISO 50001 Energy Management Standards — 6 classes

- › Overview of ISO 50001 and its Importance
- › Key Principles of Energy Management Systems
- › Benefits of Implementing ISO 50001
- › Understanding Requirements and Clauses of ISO 50001
- › Common Challenges in ISO 50001 Implementation
- › Case Studies of Successful ISO 50001 Frameworks

• CH2 Conducting Effective Gap Analysis for ISO 50001 — 6 classes

- › Identifying Current Energy Practices and Gaps
- › Developing a Gap Analysis Framework
- › Utilising Tools for Effective Gap Analysis
- › Assessing Compliance with ISO 50001 Standards
- › Prioritising Gaps Based on Business Impact
- › Creating an Action Plan to Address Identified Gaps

• CH3 Strategic Project Planning for Implementation — 6 classes

- › Defining Project Scope and Objectives
- › Formulating a Detailed Project Timeline
- › Resource Allocation and Budgeting for Implementation
- › Establishing Project Milestones and Deliverables
- › Risk Management Strategies in Project Planning
- › Communicating Project Plans to Stakeholders

• CH4 Engaging Stakeholders for Successful ISO Adoption — 6 classes

- › Identifying Key Stakeholders in Energy Management
- › Effective Stakeholder Engagement Strategies
- › Building Support from Leadership and Employees
- › Conducting Stakeholder Workshops and Meetings
- › Managing Resistance to Change During Implementation
- › Maintaining Stakeholder Engagement Post-Certification

• CH5 Internal Audit and Certification Readiness Preparation — 6 classes

- › Designing an Internal Audit Plan for Energy Systems
- › Conducting Internal Audits: Methods and Best Practices
- › Assessing ISO 50001 Compliance through Audits
- › Preparing for External Certification Audits
- › Utilising Audit Findings for Continuous Improvement
- › Documenting and Reporting Audit Outcomes Effectively

• CH1 Understanding ISO 50001 Framework and Standards — 6 classes

- › Introduction to ISO 50001
- › Key Principles of Energy Management
- › Structure of ISO 50001 Standards
- › Benefits of ISO 50001 Certification
- › ISO 50001 Compliance Requirements
- › Case Studies in Energy Efficiency

• CH2 Positioning ISO Skills in Renewable Energy Sectors — 6 classes

- › Connecting ISO Standards and Renewables
- › Market Opportunities for ISO Consultant
- › Regulatory Landscape for Energy Management
- › Strategic Positioning of Consulting Skills
- › Industry Trends Impacting Energy Management
- › Networking within the Renewables Sector

• CH3 Personal Branding for ISO Consultants — 6 classes

- › Establishing Your Consulting Brand
- › Effective Communication Strategies
- › Building Credibility in Energy Management
- › Leveraging Social Media for Visibility
- › Developing Your Professional Narrative
- › Designing Marketing Materials for ISO Consulting

• CH4 LAPT Partner Framework and Collaboration — 6 classes

- › Understanding the LAPT Partner Framework
- › Identifying Potential Partners in Renewables
- › Creating Collaborative Opportunities
- › Developing Value Propositions Together
- › Conflict Resolution in Partnerships
- › Evaluating Partnership Success

• CH5 Building a Successful Consulting Practice — 6 classes

- › Business Planning for Consultants
- › Identifying Your Target Market
- › Financial Management in Consulting
- › Client Advisory Services Best Practices
- › Scaling Your Consulting Practice
- › Sustaining Relationships with Clients