

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 10456 — Building Materials Thermal Properties

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-CMT-10456 • ISO Building & Construction

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	BLD-CMT-10456
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 classes 100 marks	• 4 Clause 4: Context of the Organisation — 6 classes › Understanding the Organisation in Thermal Properties Framework › Identifying Interested Parties in ISO 10456 Context › Defining the Scope of Thermal Properties Management › Establishing Management System Boundaries for Building Materials › Engaging Stakeholders for Effective Thermal Properties Governance › Assessing the Context for ISO 10456 Implementation Success • 5 Clause 5: Leadership — 6 classes › Understanding Leadership Commitment in ISO 10456 › Developing Thermal Property Policies Under ISO 10456 › Defining Roles for Effective Leadership in Building Materials › Establishing Responsibilities in ISO 10456 Compliance › Authority Structures in Thermal Property Management › Fostering Leadership Engagement for ISO 10456 Success • 6 Clause 6: Planning — 6 classes › Identifying Risks in Building Materials Thermal Properties › Opportunities for Enhancing Thermal Performance Strategies › Setting Objectives for Thermal Properties Regulations › Developing Plans to Mitigate Thermal Risks › Implementing ISO 10456 Standards in Planning Processes › Monitoring Progress Towards Thermal Performance Objectives • 7 Clause 7: Support — 6 classes › Understanding Resources Required for ISO 10456 Compliance › Establishing Competence in Thermal Properties of Building Materials › Importance of Awareness in ISO 10456 Implementation › Effective Communication Strategies for ISO 10456 Support › Documented Information Requirements for ISO 10456 Standards › Best Practices in Managing Resources for ISO 10456	• 8 Clause 8: Operation — 6 classes › Understanding Operational Planning for ISO 10456 Compliance › Implementing Control Measures for Thermal Properties Evaluation › Monitoring Techniques for Building Materials in ISO 10456 › Documentation Requirements for Operational Procedures in ISO 10456 › Risk Management Strategies in Building Materials Operation › Continuous Improvement Practices in Thermal Properties Control • 9 Clause 9: Performance Evaluation — 6 classes › Implementing Monitoring Techniques for Thermal Properties Assessment › Measurement Methods for Building Materials' Thermal Performance › Analysing Data for Accurate Thermal Performance Evaluation › Conducting Internal Audits in Thermal Property Management › Best Practices for Management Review in Thermal Properties › Evaluating Compliance with ISO 10456 Standards • 10 Clause 10: Improvement — 6 classes › Understanding Nonconformity in Thermal Properties of Building Materials › Corrective Action Processes Under ISO 10456 Guidelines › Strategies for Continual Improvement in Material Thermal Testing › Assessing Nonconformity: Case Studies from ISO 10456 › Implementing Effective Corrective Actions in Building Materials › Tools for Continual Improvement in Thermal Properties Assessment
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• CH1 Understanding ISO 10456 and Its Relevance — 6 classes

- › Overview of ISO 10456 and Its Purpose
- › Key Definitions and Terminology in ISO 10456
- › Understanding Thermal Properties of Building Materials
- › Importance of Compliance in Construction Sector
- › Interpreting ISO 10456 for Practical Applications
- › Common Misconceptions About ISO 10456

• CH2 Conducting Gap Analysis for Compliance — 6 classes

- › Identifying Existing Processes Against ISO 10456
- › Methods for Effective Gap Analysis Execution
- › Tools and Techniques for Gap Identification
- › Assessing Risks Associated with Non-Compliance
- › Developing an Action Plan for Addressing Gaps
- › Communicating Findings and Recommendations

• CH3 Planning and Managing Implementation Projects — 6 classes

- › Creating a Comprehensive Project Plan
- › Setting Objectives and Deliverables for Implementation
- › Resource Allocation and Budgeting Considerations
- › Engaging Stakeholders for Successful Execution
- › Timeline Development and Milestone Setting
- › Monitoring Progress and Adapting Plans

• CH4 Effective Documentation and Record Keeping — 6 classes

- › Creating Required Documentation for ISO 10456
- › Best Practices for Record Keeping and Management
- › Developing Process Manuals and Standard Operating Procedures
- › Ensuring Traceability of Materials and Testing
- › Utilising Documentation for Training and Awareness
- › Managing Documentation Changes and Updates

• CH5 Preparing for Internal Audits and Certification — 6 classes

- › Understanding Internal Audit Methodology for ISO 10456
- › Planning and Conducting Effective Internal Audits
- › Identifying Non-Conformities and Areas for Improvement
- › Management Review Processes and Their Importance
- › Strategies for Achieving Certification Readiness
- › Continuous Improvement Post-Certification

• CH1 Understanding Thermal Properties of Building Materials — 6 classes

- › Introduction to ISO 10456
- › Key Thermal Properties Explained
- › Importance of Thermal Properties in Construction
- › Testing Methods for Thermal Properties
- › Regulatory Compliance and Standards
- › Case Studies on Thermal Efficiency

• CH2 Consultancy Skills in the Construction Sector — 6 classes

- › Essential Skills for Effective Consultation
- › Client Relationship Management
- › Market Research and Analysis
- › Positioning Yourself as an Expert Consultant
- › Communicating Value to Clients
- › Developing Proposals and Contracts

• CH3 Building a Strong Consulting Brand — 6 classes

- › Elements of a Successful Brand
- › Strategies for Brand Development
- › Building an Online Presence
- › Network and Relationship Building
- › Utilizing Social Media for Branding
- › Brand Consistency and Reputation Management

• CH4 Integrating ISO Standards into Consulting Services — 6 classes

- › Overview of ISO Integration Strategies
- › Benefits of ISO Standards for Clients
- › Creating Value through ISO Compliance
- › Advisory Services for ISO Implementation
- › Monitoring and Evaluation of ISO Practices
- › Challenges and Solutions in ISO Consulting

• CH5 LAPT Partner Framework and Client Advisory — 6 classes

- › Understanding the LAPT Partner Framework
- › Leveraging Partnerships for Client Solutions
- › Framework Implementation Strategies
- › Advisory Services within the Framework
- › Building a Collaborative Consulting Network
- › Evaluating the Success of Partnerships