

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 10456 — Building Materials Thermal Properties

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-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 classes100 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

• 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