

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 12354 — Building Acoustics Estimation

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-CMT-12354 • ISO Building & Construction

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	BLD-CMT-12354
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 › Defining Organisational Context in Building Acoustics › Identifying Interested Parties in Acoustic Estimation › Establishing the Scope for Acoustic Projects › Understanding Management System Boundaries in Acoustics › Integrating Stakeholder Needs in Building Acoustics › Documenting Contextual Factors in ISO 12354 Compliance • 5 Clause 5: Leadership — 6 classes › Understanding Leadership Commitment in Building Acoustics › Developing Effective Policies for ISO 12354 Compliance › Defining Roles in Building Acoustics Estimation Leadership › Establishing Responsibilities in Acoustic Management Practices › Delegating Authorities for Building Acoustics Leadership Roles › Promoting Leadership Engagement in Building Acoustics Projects • 6 Clause 6: Planning — 6 classes › Identifying Risks in Building Acoustics Estimation › Opportunities for Improving Acoustic Performance › Setting Achievable Objectives for Acoustic Planning › Developing an Acoustic Risk Management Strategy › Integrating Acoustic Objectives into Project Planning › Monitoring Progress Towards Acoustic Goals • 7 Clause 7: Support — 6 classes › Understanding Resources for Building Acoustics Estimation › Competence Requirements in Building Acoustics Practice › Raising Awareness of ISO 12354 Standards › Effective Communication in Building Acoustics Projects › Documented Information Management for Acoustics Compliance › Building a Support Framework for Acoustics Estimation	• 8 Clause 8: Operation — 6 classes › Understanding Operational Planning in Building Acoustics › Implementing Control Measures for Acoustic Performance › ISO 12354 Requirements for Acoustic Operational Practices › Monitoring and Reviewing Building Acoustics Operations › Documentation and Records for Acoustic Operations › Continuous Improvement in Building Acoustics Estimation Processes • 9 Clause 9: Performance Evaluation — 6 classes › Monitoring Acoustic Performance in Building Environments › Measurement Techniques for Building Acoustics Evaluation › Data Analysis Methods for Acoustic Performance Assessment › Conducting Internal Audits for Acoustic Standards Compliance › Management Review Process for Building Acoustics Strategies › Evaluating Acoustic Performance in Building Design and Construction • 10 Clause 10: Improvement — 6 classes › Understanding Nonconformity in Building Acoustics Estimation › Implementing Corrective Actions for Acoustic Noncompliance › Strategies for Continual Improvement in Acoustics › Evaluating the Effectiveness of Corrective Actions › Best Practices for Documenting Nonconformities in ISO 12354 › Fostering a Culture of Continuous Improvement in Acoustics

• CH1 Understanding ISO 12354 and Building Acoustics — 6 classes

- › Introduction to ISO 12354 and its relevance
- › Key concepts in building acoustics estimation
- › Overview of the ISO standard's structure
- › Importance of compliance in construction projects
- › Case studies of successful ISO 12354 implementations
- › Common misconceptions about building acoustics

• CH2 Conducting Gap Analysis for Compliance — 6 classes

- › Identifying current acoustic practices in organisations
- › Tools for effective gap analysis in building acoustics
- › Assessing existing documentation against ISO requirements
- › Developing action plans to mitigate compliance gaps
- › Engaging stakeholders in the gap analysis process
- › Reporting findings and recommendations for improvements

• CH3 Project Planning for ISO 12354 Implementation — 6 classes

- › Creating a robust implementation project plan
- › Defining roles and responsibilities for project teams
- › Setting achievable timelines and milestones
- › Budgeting considerations for ISO compliance projects
- › Risk management strategies during implementation
- › Communicating the project plan to stakeholders

• CH4 Documentation and Record Keeping Essentials — 6 classes

- › Establishing documentation procedures for ISO 12354
- › Requirements for records of building acoustic assessments
- › Best practices for maintaining compliance documentation
- › Integrating documentation into existing quality management systems
- › Utilising templates for effective documentation
- › Ensuring traceability and accessibility of records

• CH5 Preparing for Internal Audits and Certification — 6 classes

- › Understanding internal audit methodology for ISO 12354
- › Developing audit checklists tailored to building acoustics
- › Conducting effective internal audit interviews
- › Identifying non-conformities and corrective actions
- › Management review processes and follow-up actions
- › Strategies for achieving certification readiness

• CH1 Introduction to ISO Standards in Acoustics — 6 classes

- › Overview of ISO 12354
- › Importance of Acoustic Estimation
- › Key Terminologies in Building Acoustics
- › Understanding ISO Compliance in Construction
- › The Role of Consultants in ISO Standards
- › Regulatory Frameworks for Building Acoustics

• CH2 Integrating ISO Standards with Industry Practice — 6 classes

- › Aligning ISO 12354 with Industry Needs
- › Consulting in Building Materials Sector
- › Case Studies of Successful Integration
- › Evaluating ISO Implementation Success
- › Barriers to ISO Compliance in Practice
- › Future Trends in Building Acoustics

• CH3 Consultant Branding and Marketing Strategies — 6 classes

- › Building Your Brand as an ISO Consultant
- › Digital Marketing for Acoustic Consultants
- › Networking in the Building Acoustics Sector
- › Content Creation for Industry Engagement
- › Leveraging Social Media for Branding
- › Establishing Credibility with Clients

• CH4 Client Advisory Services in Building Acoustics — 6 classes

- › Understanding Client Needs and Expectations
- › Developing Effective Communication Strategies
- › Consultative Selling Techniques for ISO Services
- › Creating Tailored Solutions for Clients
- › Negotiating Contracts and Agreements
- › Providing Ongoing Support and Follow-up Services

• CH5 Establishing a Consulting Practice in Acoustics — 6 classes

- › Business Planning for a Consultancy
- › Navigating Legal Requirements for Consulting
- › Financial Management for Consultants
- › Building a Professional Network in Acoustics
- › Evaluating Market Opportunities and Risks
- › Scaling Your Consulting Business