

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 9001BIM — Quality Management in BIM Implementation

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-BIM-9001BIM • ISO Building & Construction

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	BLD-BIM-9001BIM
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 the Organisation's Context in BIM Implementation › Identifying Interested Parties in BIM Quality Management › Determining Scope of the BIM Management System › Establishing Boundaries for BIM Quality Systems › Assessing Internal and External Factors in BIM › Aligning BIM Objectives with Stakeholder Expectations • 5 Clause 5: Leadership — 6 classes › Understanding Leadership Commitment in ISO 9001BIM › Crafting Effective Quality Policies for BIM Projects › Defining Roles in ISO 9001BIM Implementation › Establishing Responsibilities in BIM Quality Management › Authority Structures within ISO 9001BIM Framework › Ensuring Leadership Engagement in BIM Quality Practices • 6 Clause 6: Planning — 6 classes › Identifying Risks and Opportunities in BIM Projects › Establishing Quality Objectives for BIM Implementation › Developing a Risk Management Plan for ISO 9001BIM › Aligning BIM Objectives with Organisational Strategy › Planning Actions for Achieving Quality Objectives in BIM › Monitoring and Reviewing Risk Management in BIM Quality • 7 Clause 7: Support — 6 classes › Understanding Resources within ISO 9001BIM Framework › Building Competence for Effective BIM Management › Fostering Awareness in Quality Management for BIM › Effective Communication Strategies in ISO 9001BIM › Documented Information: Best Practices in BIM Implementation › Ensuring Compliance through Supportive Resources in ISO 9001BIM • 8 Clause 8: Operation — 6 classes › Operational Planning for Quality in BIM Projects › Control Measures for Quality Assurance in BIM › Risk Management within BIM Operational Frameworks › Documenting Procedures for Effective BIM Implementation › Monitoring and Measuring BIM Operational Performance › Continuous Improvement Strategies for BIM Quality Management • 9 Clause 9: Performance Evaluation — 6 classes › Monitoring Techniques for Quality in BIM Implementation › Measurement Tools for Evaluating BIM Project Performance › Data Analysis Methods for BIM Quality Management › Internal Auditing Processes for ISO 9001BIM Compliance › Conducting Effective Management Reviews in BIM Quality › Key Performance Indicators for BIM Quality Evaluation • 10 Clause 10: Improvement — 6 classes › Understanding Nonconformity in ISO 9001BIM › Effective Corrective Actions in BIM Quality Management › Strategies for Continual Improvement under ISO 9001BIM › Analyzing Causes of Nonconformities in BIM Projects › Implementing a Culture of Improvement in ISO 9001BIM › Measuring the Impact of Corrective Actions in BIM
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• CH1 Understanding ISO 9001BIM Framework — 6 classes

- › Overview of ISO 9001BIM Standards
- › Key Principles of Quality Management
- › BIM Concepts and Their Relevance
- › Mapping ISO 9001BIM to BIM Processes
- › Role of Quality Management in BIM
- › Benefits of ISO Certification for BIM Projects

• CH2 Conducting a Gap Analysis for BIM — 6 classes

- › Identifying Current State of Quality Management
- › Tools for Effective Gap Analysis
- › Evaluating Compliance with ISO 9001BIM
- › Prioritising Areas for Improvement
- › Developing a Gap Analysis Report
- › Presenting Findings to Stakeholders

• CH3 Developing Project Plans for ISO Implementation — 6 classes

- › Creating a Roadmap for Implementation
- › Setting Objectives and Key Results
- › Resource Allocation in BIM Projects
- › Timelines and Milestones for ISO Adoption
- › Risk Management in Project Planning
- › Monitoring Progress and Adjusting Plans

• CH4 Stakeholder Management in BIM Quality Projects — 6 classes

- › Identifying Key Stakeholders in BIM
- › Engaging Stakeholders Through Communication
- › Facilitating Workshops for Collaboration
- › Addressing Stakeholder Concerns Effectively
- › Building Support for Quality Initiatives
- › Reviewing Stakeholder Feedback and Adjustments

• CH5 Internal Audits and Management Reviews — 6 classes

- › Establishing an Internal Audit Framework
- › Conducting Effective Internal Audits
- › Preparing for Management Reviews
- › Evaluating Audit Findings and Feedback
- › Continuous Improvement Through Reviews
- › Ensuring Certification Readiness for ISO 9001BIM

• CH1 Understanding ISO 9001BIM and Its Impact — 6 classes

- › Introduction to ISO 9001BIM Principles
- › Key Changes in Building Information Modelling Standards
- › The Role of Quality Management in BIM Implementation
- › Benefits of ISO 9001BIM for Construction Projects
- › Case Studies: Successful ISO 9001BIM Implementations
- › Challenges in Adopting ISO 9001BIM Practices

• CH2 Consultant Branding and Positioning Strategies — 6 classes

- › Developing a Brand Identity in BIM Consulting
- › Positioning Your Consulting Practice in the Market
- › Differentiating ISO Skills from Competitors
- › Creating a Value Proposition for Clients
- › Leveraging Social Media for Consultant Branding
- › Building Credibility and Trust with Clients

• CH3 Leveraging the LAPT Partner Framework — 6 classes

- › Overview of the LAPT Partner Framework
- › Identifying Key Stakeholders in the Framework
- › Collaborating with Industry Partners Effectively
- › Enhancing Skills Through Professional Networking
- › Developing Joint ISO-LAPT Solutions for Clients
- › Best Practices for Partner Relationship Management

• CH4 Client Advisory Services in BIM and ISO — 6 classes

- › Understanding Client Needs and Expectations
- › Advisory Techniques for BIM Projects
- › Integrating ISO Standards into Client Strategies
- › Monitoring and Evaluating Client Project Success
- › Developing Action Plans for Continuous Improvement
- › Communicating Value to Clients Effectively

• CH5 Building a Successful Consulting Practice — 6 classes

- › Starting Your Consulting Business in BIM
- › Establishing a Financial Model for Sustainability
- › Marketing Strategies for Your Consulting Practice
- › Creating a Service Portfolio for BIM & ISO Consulting
- › Managing Client Relationships and Expectations
- › Scaling Your Practice and Expanding Services