

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 19650-3 — BIM Operational Phase of Building Assets

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-BIM-19650-3 • ISO Building & Construction

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	BLD-BIM-19650-3
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 Organisational Context in ISO 19650-3

› Identifying Interested Parties in BIM Operational Phase

› Defining Scope for Building Asset Management

› Establishing Management System Boundaries in BIM

› Stakeholder Engagement in ISO 19650-3 Implementation

› Assessing Organisational Needs for BIM Processes

• 5 Clause 5: Leadership — 6 classes

› Understanding Leadership Commitment in ISO 19650-3

› Establishing Policy for BIM Operational Phase Success

› Defining Roles in BIM Leadership Framework

› Assigning Responsibilities under ISO 19650-3 Guidelines

› Authorities in BIM Management: Key Considerations

› Effective Leadership Strategies for BIM Implementation

• 6 Clause 6: Planning — 6 classes

› Identifying Risks and Opportunities in BIM Operational Phase

› Establishing Objectives for Effective BIM Asset Management

› Strategies for Mitigating Risks in ISO 19650-3

› Aligning BIM Planning with Project Objectives and Needs

› Monitoring and Reviewing BIM Objectives in Operational Context

› Integrating Stakeholder Input in BIM Planning Process

• 7 Clause 7: Support — 6 classes

› Understanding Resources for Effective BIM Support in ISO 19650-3

› Enhancing Competence for BIM Operational Success in ISO 19650-3

› Fostering Awareness in BIM Practices Under ISO 19650-3

› Effective Communication Strategies for ISO 19650-3 Implementation

› Documenting Information: Best Practices in ISO 19650-3 Compliance

› Integrating Support Mechanisms for BIM Operational Phase Success

• 8 Clause 8: Operation — 6 classes

› Understanding Operational Planning in ISO 19650-3

› Implementing Control Measures for Building Assets

› Communicating Responsibilities in Operational Phases

› Establishing Performance Metrics for Asset Operation

› Managing Risks During the Operational Phase

› Documenting Changes and Updates in ISO 19650-3

• 9 Clause 9: Performance Evaluation — 6 classes

› Principles of Performance Evaluation in ISO 19650-3

› Monitoring Techniques for BIM Operational Phase Assets

› Measurement Strategies for Building Asset Performance

› Analytical Methods for Evaluating BIM Efficiency

› Conducting Internal Audits Under ISO 19650-3 Guidelines

› Management Review Processes for Continuous Improvement in BIM

• 10 Clause 10: Improvement — 6 classes

› Understanding Nonconformity in ISO 19650-3 Framework

› Implementing Corrective Actions for BIM Operational Compliance

› Strategies for Continuous Improvement in Building Asset Management

› Identifying and Addressing Nonconformities in BIM Processes

› Establishing a Culture of Improvement in ISO 19650-3

› Measuring Success: Key Performance Indicators for Improvement

• CH1 Understanding ISO 19650-3 for BIM Implementation — 6 classes

- › Overview of ISO 19650-3 and Its Purpose
- › Key Concepts in BIM Operational Phase
- › Principles of Information Management in BIM
- › Interpreting ISO 19650-3 Clauses Effectively
- › Differences Between ISO 19650-1, 19650-2, and 19650-3
- › Understanding BIM Collaboration and Responsibility

• CH2 Conducting a Comprehensive Gap Analysis — 6 classes

- › Identifying Current Practices in BIM Management
- › Analyzing Compliance with ISO 19650-3 Standards
- › Developing Effective Gap Analysis Frameworks
- › Utilising SWOT Analysis for Implementation Readiness
- › Prioritising Findings for Forward Action Plans
- › Reporting Gap Analysis Results to Stakeholders

• CH3 Effective Project Planning and Execution — 6 classes

- › Creating a BIM Implementation Roadmap
- › Setting Realistic Timelines and Milestones
- › Resource Allocation for Successful Implementation
- › Risk Management Strategies in BIM Projects
- › Monitoring and Adjusting Project Plans Dynamically
- › Utilising Project Management Tools for ISO 19650-3

• CH4 Stakeholder Management and Communication — 6 classes

- › Identifying Key Stakeholders in BIM Projects
- › Building Relationships with Internal and External Teams
- › Effective Communication Strategies for Engagement
- › Managing Expectations and Overcoming Resistance
- › Facilitating Collaborative Workshops and Meetings
- › Stakeholder Feedback: Importance and Methods

• CH5 Preparation for Internal Audits and Certification — 6 classes

- › Developing Internal Audit Methodologies for ISO 19650-3
- › Conducting Effective Internal Audits in BIM Contexts
- › Documenting Audit Findings and Corrective Actions
- › Management Review Processes and Best Practices
- › Creating a Culture of Continuous Improvement
- › Preparing for External Certification Assessment

• CH1 Understanding ISO 19650-3 for Operational BIM — 6 classes

- › Introduction to ISO 19650-3 Standards
- › Key Concepts in BIM Operational Phase
- › Importance of ISO Compliance in Building Assets
- › Operational Framework of Building Information Modelling
- › BIM Life Cycle: The Operational Context
- › Impact of ISO 19650-3 on Project Delivery

• CH2 Positioning ISO Skills within Industry Sectors — 6 classes

- › Identifying Key Industry Sectors for ISO Skills
- › Mapping ISO 19650-3 to Sector Requirements
- › Competency Gaps and Industry Needs Analysis
- › Developing Sector-Specific ISO Training Programs
- › Case Studies: Successful ISO Integration in Sectors
- › Future Trends in ISO Skill Demand

• CH3 Building Your Consultant Brand in BIM — 6 classes

- › The Essentials of Branding as a Consultant
- › Creating a Unique Value Proposition for BIM
- › Marketing Strategies for ISO Consultants
- › Developing Thought Leadership in BIM Practices
- › Networking and Building Professional Relationships
- › Showcasing Expertise through Case Studies

• CH4 LAPT Partner Framework for ISO Consultants — 6 classes

- › Overview of the LAPT Partner Framework
- › Defining Roles within the Framework
- › Building Collaborative Alliances in ISO Practice
- › Engagement Strategies for Partners and Stakeholders
- › Evaluating and Measuring Partner Contributions
- › Case Examples: Successful Framework Implementations

• CH5 Delivering Effective Client Advisory Services — 6 classes

- › Understanding Client Needs in BIM
- › ISO Standards as Tools for Client Advisory
- › Crafting Tailored Advisory Solutions
- › Managing Client Relationships and Expectations
- › Evaluating the Impact of Advisory Services
- › Continuous Improvement in Client Advisory Practice