

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 19650-5 — BIM Security-Minded Approach to Information Management

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-BIM-19650-5 • ISO Building & Construction

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3

SUBJECTS

17

CHAPTERS

102

CLASSES

300

TOTAL MARKS

60%

PASS MARK

Lifetime

VALIDITY

AT A GLANCE

REFERENCE	BLD-BIM-19650-5
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 BIM Information Management
- › Identifying Interested Parties for ISO 19650-5 Compliance
- › Defining the Scope of BIM Management Systems
- › Establishing Management System Boundaries in BIM Context
- › Assessing External Factors in BIM Information Management
- › Integrating Stakeholder Needs into BIM Processes

• 5 Clause 5: Leadership — 6 classes

- › Understanding Leadership Commitment in BIM Information Management
- › Defining Policies for Effective BIM Security Practices
- › Establishing Roles and Responsibilities in BIM Projects
- › Authority and Accountability in BIM Security Governance
- › Promoting Leadership Engagement in BIM Security Strategies
- › Aligning Leadership Vision with ISO 19650-5 Compliance

• 6 Clause 6: Planning — 6 classes

- › Identifying Risks in BIM Information Management
- › Opportunities for Improvement in BIM Security Practices
- › Setting Objectives for Effective Information Management
- › Strategies for Risk Mitigation in BIM Projects
- › Aligning BIM Planning with Security Standards
- › Evaluating Achievements Against BIM Security Objectives

• 7 Clause 7: Support — 6 classes

- › Resources for BIM Security Management in ISO 19650-5
- › Developing Competence in Information Management Practices
- › Fostering Awareness of BIM Security Principles
- › Effective Communication Strategies for BIM Security
- › Documented Information Requirements in ISO 19650-5
- › Integrating Support Mechanisms for Information Management

• 8 Clause 8: Operation — 6 classes

- › Understanding Operational Planning in ISO 19650-5 Context
- › Control Measures for Information Management in BIM
- › Implementing Security Control Strategies in ISO 19650-5
- › Evaluating Operational Compliance with ISO BIM Standards
- › Continuous Monitoring in BIM Information Management
- › Enhancing Operational Efficiency Through ISO 19650-5 Guidelines

• 9 Clause 9: Performance Evaluation — 6 classes

- › Understanding Performance Evaluation in ISO 19650-5
- › Monitoring Techniques for BIM Information Management
- › Measuring Effectiveness in BIM Security Processes
- › Analysing Data for Management Review in BIM Projects
- › Conducting Internal Audits for ISO 19650-5 Compliance
- › Evaluating Performance Metrics in BIM Information Security

• 10 Clause 10: Improvement — 6 classes

- › Identifying Nonconformities in BIM Information Management
- › Implementing Corrective Actions in BIM Security Strategies
- › Importance of Continual Improvement in ISO 19650-5
- › Monitoring and Reviewing Nonconformities in BIM Processes
- › Developing an Action Plan for BIM Corrective Measures
- › Cultivating a Culture of Improvement in BIM Management

• CH1 Understanding ISO 19650-5 and Its Relevance — 6 classes

- › Introduction to ISO 19650-5 Framework
- › Key Principles of BIM Security-Minded Approach
- › Importance of Information Management in BIM
- › Overview of BIM Security Risks and Challenges
- › Integrating ISO 19650-5 with Existing Processes
- › Case Studies on Successful Implementations

• CH2 Conducting a Comprehensive Gap Analysis — 6 classes

- › Identifying Organisational Requirements for ISO 19650-5
- › Assessing Current Information Management Practices
- › Tools and Techniques for Gap Analysis
- › Developing a Gap Analysis Report
- › Prioritising Areas for Improvement
- › Engaging Stakeholders in Gap Analysis Findings

• CH3 Effective Project Planning for Implementation — 6 classes

- › Creating a Detailed Implementation Project Plan
- › Defining Roles and Responsibilities for Stakeholders
- › Setting SMART Objectives for Implementation
- › Establishing Timelines and Milestones
- › Resource Allocation for Successful Implementation
- › Risk Management Strategies in Project Planning

• CH4 Documentation and Compliance Requirements — 6 classes

- › Developing ISO 19650-5 Compliant Documentation
- › Standards for Information Security Documentation
- › Maintaining Version Control and Traceability
- › Utilising Digital Tools for Documentation Management
- › Training Teams on Documentation Standards
- › Performing Document Reviews and Updates

• CH5 Internal Audit and Certification Readiness — 6 classes

- › Designing an Internal Audit Methodology
- › Conducting Internal Audits for Compliance
- › Preparing for External Certification Audits
- › Identifying Non-Conformities and Corrective Actions
- › Management Review Processes for Continuous Improvement
- › Ensuring Ongoing Compliance Post-Certification

• CH1 Introduction to ISO 19650-5 and BIM — 6 classes

- › Overview of ISO 19650-5
- › Importance of BIM in Construction
- › Key Concepts of Information Management
- › Security Considerations in BIM
- › Integration of ISO Standards in BIM Processes
- › Case Studies on Effective ISO Implementation

• CH2 Consultant Branding and Market Positioning — 6 classes

- › Building a Personal Brand as a Consultant
- › Understanding the Target Market for BIM Consulting
- › Developing Value Propositions
- › Strategies for Effective Networking
- › Positioning in the BIM Consulting Landscape
- › Creating a Professional Portfolio

• CH3 Advisory Services and Client Engagement — 6 classes

- › Understanding Client Needs and Expectations
- › Effective Communication Strategies
- › Facilitating Workshops and Training Sessions
- › Delivering Value through Advisory Services
- › Negotiating Contracts and Service Agreements
- › Building Long-Term Client Relationships

• CH4 Integrating ISO 19650-5 into Industry Practices — 6 classes

- › Aligning ISO Standards with Industry Needs
- › Identifying Compliance Challenges
- › Developing Best Practices for ISO Compliance
- › Utilizing Technology for Information Management
- › Creating a Culture of Security in BIM
- › Evaluating Industry Case Examples of ISO Success

• CH5 Establishing a Consulting Practice in BIM — 6 classes

- › Starting Your Own Consulting Business
- › Business Development Strategies for Consultants
- › Marketing Your Consulting Services Effectively
- › Building a Sustainable Consultant Framework
- › Evaluating Financial Viability and Pricing Models
- › Scaling Your Consulting Practice Successfully