

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 7240BAC — Fire Detection and Alarm Systems in Buildings

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-BAC-7240BAC • ISO Building & Construction

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	BLD-BAC-7240BAC
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

› Identifying Key Stakeholders in Fire Detection Systems

› Defining Organisational Context for Fire Alarm Implementation

› Mapping Interested Parties in ISO 7240BAC Compliance

› Establishing Scope for Fire Detection Management Systems

› Understanding Management System Boundaries in Fire Safety

› Evaluating External Influences on Fire Detection Strategies

• 5 Clause 5: Leadership — 6 classes

› Understanding Leadership Commitment in Fire Detection Systems

› Developing Effective Policies for Alarm System Management

› Defining Roles and Responsibilities in Fire Safety Operations

› Establishing Authority Structures for Fire Alarm Compliance

› The Importance of Leadership in Fire Safety Culture

› Integrating Leadership Strategies with ISO 7240BAC Requirements

• 6 Clause 6: Planning — 6 classes

› Identifying Risks in Fire Detection Systems

› Opportunities for Improvement in Alarm System Planning

› Setting Objectives for Effective Fire Safety

› Strategic Planning for Fire Alarm Integration

› Assessing Compliance with ISO 7240BAC Requirements

› Implementing Risk Management in Fire Safety Planning

• 7 Clause 7: Support — 6 classes

› Resources for Effective Fire Detection System Support

› Establishing Competence in Fire Alarm System Management

› Promoting Awareness of Fire Safety Standards

› Effective Communication Practices for Fire Alarm Systems

› Documented Information Requirements in Fire Safety Protocols

› Building a Culture of Safety Awareness in Fire Systems

• 8 Clause 8: Operation — 6 classes

› Understanding Operational Planning in Fire Detection Systems

› Developing Control Strategies for Alarm Systems

› Implementing Standard-Specific Requirements in Fire Operations

› Ensuring Compliance in Operational Procedures for Alarms

› Monitoring and Reviewing Fire Detection Operations Effectively

› Emergency Response Protocols within ISO 7240BAC Framework

• 9 Clause 9: Performance Evaluation — 6 classes

› Monitoring Fire Detection Systems Performance in Buildings

› Measurement Techniques for Fire Alarm Systems Evaluation

› Analysing Data from Fire Detection and Alarm Systems

› Conducting Internal Audits for Fire Safety Compliance

› Evaluating Effectiveness of Fire Alarm Management Reviews

› Implementing Continuous Improvement for Fire Detection Systems

• 10 Clause 10: Improvement — 6 classes

› Identifying Nonconformity in Fire Detection Systems

› Implementing Corrective Actions for Alarm Failures

› Evaluating Effectiveness of Fire Safety Measures

› Strategies for Continual Improvement in Alarm Systems

› Documentation and Reporting of Nonconformities in Buildings

› Meeting Regulatory Requirements through Corrective Actions

• CH1 Understanding ISO 7240BAC Requirements — 6 classes

- › Overview of ISO 7240BAC Standard
- › Key Terms and Definitions in Fire Safety
- › Scope and Applicability of the Standard
- › Compliance Expectations for Organisations
- › Understanding Fire Detection and Alarm Systems
- › Interpreting ISO 7240BAC Documentation Requirements

• CH2 Conducting a Gap Analysis — 6 classes

- › Identifying Current Fire Safety Practices
- › Evaluating Existing Alarm Systems Against Standards
- › Assessing Regulatory Compliance Gaps
- › Tools and Techniques for Gap Analysis
- › Reporting Findings and Recommendations
- › Prioritising Areas for Improvement

• CH3 Project Planning for Implementation — 6 classes

- › Developing a Comprehensive Implementation Plan
- › Defining Roles and Responsibilities
- › Setting Achievable Milestones and Deadlines
- › Resource Allocation and Budgeting
- › Risk Management in Project Planning
- › Communication Strategies for Stakeholder Engagement

• CH4 Documentation and Record Keeping — 6 classes

- › Creating Essential Documentation for Compliance
- › Maintaining Records of Fire Safety Training
- › Document Control Processes in Implementation
- › Best Practices for Internal Reporting
- › Guidelines for Evidence of Compliance
- › Preparing for Management Reviews and Audits

• CH5 Conducting Internal Audits and Reviews — 6 classes

- › Developing an Internal Audit Plan
- › Executing Internal Audits for ISO Compliance
- › Identifying Non-Conformities and Areas for Improvement
- › Analyzing Audit Findings and Reporting
- › Conducting Management Reviews Effectively
- › Preparing for External Certification Audits

• CH1 Understanding ISO 7240BAC and Its Applications — 6 classes

- › Introduction to ISO 7240BAC Standards
- › Key Components of Fire Detection Systems
- › Interpretation of Fire Alarm System Requirements
- › Regulatory Framework for Fire Safety in Buildings
- › Case Studies on ISO 7240BAC Implementation
- › Aligning ISO Standards with Industry Practices

• CH2 Integrating ISO Skills into Industry Sectors — 6 classes

- › Identifying Target Industry Sectors
- › Bridging Gaps: ISO Standards and Industry Needs
- › ISO 7240BAC in Commercial vs. Residential Settings
- › Best Practices for Sector-Specific Applications
- › Developing ISO Skill Sets for Practitioners
- › Leveraging ISO Knowledge for Industry Advancement

• CH3 Building Your Consultant Brand in ISO Sector — 6 classes

- › Crafting a Unique Consultant Identity
- › Marketing Strategies for ISO Consultants
- › Developing a Value Proposition in Fire Safety
- › Networking and Building Industry Relationships
- › Effective Communication of ISO Benefits
- › Creating Thought Leadership in Your Niche

• CH4 LAPT Partner Framework for Consultants — 6 classes

- › Overview of the LAPT Partner Framework
- › Benefits of Collaboration in Consulting
- › Establishing Partnerships for Enhanced Services
- › Navigating the LAPT Partner Landscape
- › Creating Value Through Strategic Alliances
- › Maintaining Partner Relationships for Sustainability

• CH5 Client Advisory Services in Fire Safety Consulting — 6 classes

- › Understanding Client Needs and Expectations
- › Delivering Comprehensive Advisories on ISO Standards
- › Risk Assessment in Fire Detection Systems
- › Tailoring Solutions for Diverse Clientele
- › Evaluating Client Feedback for Continuous Improvement
- › Building Long-term Client Relationships through ISO Expertise