

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 3874 — Series 1 Freight Containers Handling and Securing

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference TR-FRC-3874 • ISO Transport

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	TR-FRC-3874
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Advanced Handling Techniques

5 chapters · 30 classes85 marks

• 1 Fundamentals of Freight Container Design and Standards — 6 classes

› 1.1 Identify Key Components of Freight Container Design

› 1.2 Explain International Standards for Container Specifications

› 1.3 Analyze Load Distribution and Structural Integrity

› 1.4 Compare Different Types of Freight Containers

› 1.5 Demonstrate Safe Handling Techniques for Freight Containers

› 1.6 Evaluate Best Practices for Securing Freight Containers

• 2 Principles of Secure Loading and Weight Distribution — 6 classes

› 2.1 Analyze Weight Distribution Principles for Freight Containers

› 2.2 Identify Key Factors in Secure Loading Techniques

› 2.3 Evaluate the Impact of Load Shifts on Container Stability

› 2.4 Demonstrate Effective Load Securing Methods and Materials

› 2.5 Apply Risk Assessment Strategies in Load Planning

› 2.6 Review Case Studies of Load Failures and Best Practices

• 3 Advanced Container Handling Equipment and Technologies — 6 classes

› 3.1 Analyze the Functionality of Advanced Container Handling Equipment

› 3.2 Explore Modern Technologies in Container Transport Systems

› 3.3 Evaluate Safety Standards for Advanced Handling Equipment

› 3.4 Demonstrate Effective Use of Automated Container Handling Solutions

› 3.5 Implement Best Practices for Container Securing Techniques

› 3.6 Review Case Studies on Innovations in Container Handling

• 4 Risk Assessment and Mitigation in Container Handling — 6 classes

› 4.1 Identify Common Risks in Container Handling Operations

› 4.2 Analyze Risk Factors Affecting Container Stability

› 4.3 Evaluate Industry Standards for Safe Container Practices

› 4.4 Develop a Risk Assessment Framework for Container Handling

› 4.5 Implement Mitigation Strategies for Identified Risks

› 4.6 Review Case Studies on Effective Risk Management in Container Handling

• 5 Leadership in Freight Container Operations and Team Management — 6 classes

› 5.1 Develop Effective Communication Strategies for Team Coordination

› 5.2 Implement Team Roles and Responsibilities in Container Handling

› 5.3 Foster a Culture of Safety and Compliance in Freight Operations

› 5.4 Utilize Conflict Resolution Techniques to Enhance Team Dynamics

› 5.5 Analyze Team Performance Metrics for Continuous Improvement

› 5.6 Design a Leadership Action Plan for Effective Container Operations

2

Container Securing Methods

5 chapters · 12 classes 65 marks

• 1 Fundamentals of Container Securing Techniques — 6 classes

- › 1.1 Identify Key Principles of Container Securing
- › 1.2 Describe Common Container Securing Equipment
- › 1.3 Compare Different Container Securing Techniques
- › 1.4 Analyze Risks Associated with Improper Securing
- › 1.5 Demonstrate Proper Container Securing Procedures
- › 1.6 Evaluate Securing Techniques for Specific Cargo Types

• 2 Regulatory Standards and Compliance in Container Securing — 6 classes

- › 2.1 Understand Regulatory Standards for Container Securing
- › 2.2 Identify Key Compliance Guidelines in Container Handling
- › 2.3 Analyze the Role of ISO 3874 in Freight Container Safety
- › 2.4 Evaluate Container Securing Methods Against Compliance Standards
- › 2.5 Apply Best Practices for Ensuring Regulatory Compliance
- › 2.6 Develop a Compliance Checklist for Container Securing Operations

• 3 Mechanisms and Tools for Effective Container Securing

• 4 Advanced Container Securing Strategies for Different Cargo Types

• 5 Case Studies in Container Securing Failures and Lessons Learned

3

ISO 3874 Standards and Compliance

5 chapters · 30 classes 85 marks

• 1 Understanding ISO 3874: Overview and Importance — 6 classes

- › 1.1 Define ISO 3874 and its Scope in Freight Container Handling
- › 1.2 Explain the Key Principles of the ISO 3874 Standards
- › 1.3 Identify the Stakeholders Involved in ISO 3874 Compliance
- › 1.4 Discuss the Importance of ISO 3874 for Safety and Efficiency
- › 1.5 Analyze the Impact of Non-Compliance with ISO 3874 Standards
- › 1.6 Apply ISO 3874 Standards to Real-World Freight Container Scenarios

• 2 Key Terminology and Concepts in Freight Container Standards — 6 classes

- › 2.1 Define Key Terminology in Freight Container Standards
- › 2.2 Explain the Importance of ISO 3874 Compliance
- › 2.3 Identify Major Components of Freight Container Handling
- › 2.4 Describe Best Practices for Securing Freight Containers
- › 2.5 Analyze Common Non-Compliance Issues in Container Handling
- › 2.6 Apply ISO 3874 Concepts to Real-World Freight Scenarios

• 3 Regulatory Framework and Compliance Guidelines — 6 classes

- › 3.1 Understand the Importance of ISO 3874 Standards
- › 3.2 Identify Key Regulatory Bodies Governing Freight Containers
- › 3.3 Explore the Compliance Guidelines for Freight Container Handling
- › 3.4 Analyze the Consequences of Non-Compliance in Freight Operations
- › 3.5 Implement Best Practices for Securing Freight Containers
- › 3.6 Evaluate a Case Study on Regulatory Compliance in Container Transport

• 4 Best Practices for Handling and Securing Freight Containers — 6 classes

- › 4.1 Understand Key ISO 3874 Standards for Freight Containers
- › 4.2 Identify Common Risks in Freight Container Handling
- › 4.3 Implement Best Practices for Container Securing Techniques
- › 4.4 Analyze Case Studies of Freight Container Incidents
- › 4.5 Develop a Compliance Checklist for Freight Handling
- › 4.6 Conduct a Mock Inspection of Freight Container Stability

• 5 Assessment and Audit Protocols for ISO 3874 Compliance — 6 classes

- › 5.1 Identify Key Assessment Criteria for ISO 3874 Compliance
- › 5.2 Conduct Preliminary Audits of Freight Container Operations
- › 5.3 Evaluate Documentation and Record-Keeping Practices
- › 5.4 Implement Corrective Actions Based on Assessment Findings
- › 5.5 Develop an Internal Audit Schedule for Ongoing Compliance
- › 5.6 Analyze Audit Results to Enhance Future ISO 3874 Practices

4

Leadership in Transport Operations

0 chapters 85 marks

5

Risk Management in Freight Operations

0 chapters 45 marks

6

Training and Development Strategies

0 chapters 65 marks

