

# LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

## ISO 6346 — Freight Containers Coding Identification and Marking

*ISO Certification Programme*



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### LAPT — London Academy of Professional Training

**Address** 85 Great Portland Street, W1W 7LT, London, United Kingdom

**Email** [info@lapt.org](mailto:info@lapt.org)

**Telephone** +44 7513 283044

**Web** [lapt.org](http://lapt.org)

**Reference** TR-FRC-6346 • ISO Transport

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

|               |                                                |
|---------------|------------------------------------------------|
| REFERENCE     | TR-FRC-6346                                    |
| AWARD         | Certificate                                    |
| ASSESSMENT    | 430 marks — 258 to pass (60%)                  |
| PREREQUISITES | None                                           |
| VALIDITY      | Lifetime                                       |
| AWARDING BODY | LAPT — London Academy of Professional Training |

CURRICULUM

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| <div>1</div> <div>Best Practices in Container Operations</div> <div>0 chapters65 marks</div>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <div>2</div> <div>Coding and Marking Techniques</div> <div>5 chapters · 30 classes85 marks</div> | <div><div>• 1 Fundamentals of Freight Container Identification — 6 classes</div><div><div>› 1.1 Understand ISO 6346 Standards for Freight Container Identification</div><div>› 1.2 Explore Key Components of Freight Container Coding</div><div>› 1.3 Analyze the Importance of Container Marking Techniques</div><div>› 1.4 Identify Various Types of Freight Container Codes</div><div>› 1.5 Evaluate Real-World Applications of Container Identification Codes</div><div>› 1.6 Implement Best Practices for Freight Container Marking</div></div><div><div>• 2 Understanding ISO 6346 Coding Structure — 6 classes</div><div><div>› 2.1 Identify Key Components of ISO 6346 Coding Structure</div><div>› 2.2 Explain the Significance of Container Identification Codes</div><div>› 2.3 Describe the Format and Structure of ISO 6346 Codes</div><div>› 2.4 Analyze Examples of ISO 6346 Code Applications</div><div>› 2.5 Apply ISO 6346 Coding to Various Container Types</div><div>› 2.6 Evaluate the Importance of Accurate Coding in Freight Operations</div></div><div><div>• 3 Marking Techniques for Freight Containers — 6 classes</div><div><div>› 3.1 Analyze ISO 6346 Standards for Container Marking</div><div>› 3.2 Identify Key Components of Freight Container Codes</div><div>› 3.3 Explore Various Marking Techniques for Durability</div><div>› 3.4 Compare Manual and Automated Marking Methods</div><div>› 3.5 Evaluate the Impact of Marking Visibility on Logistics</div><div>› 3.6 Design a Marking Plan for a Freight Container</div></div></div><div><div>• 4 Implementing Coding Systems in Logistics Operations — 6 classes</div><div><div>› 4.1 Understand the Importance of Coding Systems in Logistics</div><div>› 4.2 Identify ISO 6346 Coding Standards for Freight Containers</div><div>› 4.3 Analyze Common Marking Techniques for Container Identification</div><div>› 4.4 Explore Technology Tools for Implementing Coding Systems</div><div>› 4.5 Develop a Step-by-Step Plan for Coding Implementation</div><div>› 4.6 Evaluate the Effectiveness of Coding Systems in Real-World Scenarios</div></div><div><div>• 5 Challenges and Innovations in Container Coding — 6 classes</div><div><div>› 5.1 Identify Key Challenges in Container Coding</div><div>› 5.2 Analyze Innovations in Container Marking Technologies</div><div>› 5.3 Explore Regulatory Requirements for Freight Container Coding</div><div>› 5.4 Assess the Impact of Technology on Container Identification</div><div>› 5.5 Develop Strategies for Improving Container Coding Practices</div><div>› 5.6 Create a Plan for Implementing Innovative Coding Solutions</div></div></div></div></div></div> |
| <div>3</div> <div>Container Management Systems</div> <div>0 chapters45 marks</div>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**• 1 Introduction to ISO 6346: Understanding the Framework — 6**

classes

- › 1.1 Explore the Significance of ISO 6346 in Global Trade
- › 1.2 Identify Key Components of the ISO 6346 Framework
- › 1.3 Examine the Coding System Used in ISO 6346
- › 1.4 Analyze the Importance of Container Identification
- › 1.5 Illustrate the Marking Requirements for Freight Containers
- › 1.6 Apply ISO 6346 Standards to Real-World Scenarios

**• 2 Key Components of Container Coding: A Detailed Examination —**

6 classes

- › 2.1 Identify the Importance of ISO 6346 in Freight Container Management
- › 2.2 Understand the Structure of a Container's Unique Identifier
- › 2.3 Analyze the Different Types of Codes Used in Container Marking
- › 2.4 Examine the Functional Components of Container Coding Systems
- › 2.5 Discuss Compliance and Regulatory Requirements in Container Coding
- › 2.6 Apply ISO 6346 Coding Principles in Real-World Scenarios

**• 3 Marking Standards and Compliance: Ensuring Safety and Efficiency — 6 classes**

- › 3.1 Understand ISO 6346: Key Components and Principles
- › 3.2 Explore Marking Techniques for Freight Containers
- › 3.3 Analyze Compliance Requirements for Safety Standards
- › 3.4 Evaluate Marking Methods: Effectiveness and Efficiency
- › 3.5 Implement Best Practices for Marking Compliance
- › 3.6 Assess Real-World Applications of ISO 6346 Marking Standards

**• 4 Interpreting the ISO 6346 Documentation: Practical Application —**

6 classes

- › 4.1 Understand the Purpose of ISO 6346 Documentation
- › 4.2 Identify Key Components of ISO 6346 Codes
- › 4.3 Analyze Examples of ISO 6346 Container Markings
- › 4.4 Decode Container Identifiers in Real-World Scenarios
- › 4.5 Evaluate Compliance with ISO 6346 Standards
- › 4.6 Apply ISO 6346 Documentation to Freight Operations

**• 5 Future Trends in Container Coding and Marking Standards — 6**

classes

- › 5.1 Explore Emerging Technologies in Container Coding
- › 5.2 Analyze the Impact of Automation on Marking Standards
- › 5.3 Evaluate Sustainability Practices in Freight Container Use
- › 5.4 Identify Regulatory Changes Affecting Container Standards
- › 5.5 Assess Global Trends Influencing Container Identification
- › 5.6 Develop Strategic Recommendations for Future Compliance

**• 1 Understanding ISO 6346: Foundation of Freight Container Identification — 6 classes**

- › 1.1 Define ISO 6346 and Its Importance in Freight Operations
- › 1.2 Identify Key Components of Freight Container Identification
- › 1.3 Explain the Structure of ISO 6346 Coding Systems
- › 1.4 Explore Regulatory Compliance Requirements for Shipping Containers
- › 1.5 Analyze the Impact of Accurate Container Marking on Supply Chains
- › 1.6 Apply ISO 6346 Standards to Real-World Freight Scenarios

**• 2 Regulatory Framework and Compliance Standards in Freight Logistics — 6 classes**

- › 2.1 Understand the Importance of ISO 6346 in Freight Logistics
- › 2.2 Identify Key Regulatory Bodies in Freight Shipping
- › 2.3 Explore Compliance Standards Relevant to Freight Containers
- › 2.4 Analyze the Impact of Non-Compliance on Freight Operations
- › 2.5 Develop Strategies for Ensuring Regulatory Compliance
- › 2.6 Implement Best Practices for Freight Container Marking

**• 3 Impact Analysis: Compliance on Supply Chain Efficiency — 6**

classes

- › 3.1 Analyze the Role of ISO 6346 in Freight Container Identification
- › 3.2 Evaluate Regulatory Compliance Requirements for Supply Chains
- › 3.3 Assess the Impact of Non-Compliance on Supply Chain Operations
- › 3.4 Identify Key Stakeholders Involved in Compliance Processes
- › 3.5 Develop Strategies for Improving Compliance Efficiency
- › 3.6 Create an Action Plan for Implementing Compliance Changes

**• 4 Best Practices for Implementing ISO 6346 Compliance****• 5 Future Trends in Freight Container Regulation and Standards**

