

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 9001RAL — Quality Management for Rail Industry

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference TR-RAL-9001RAL • ISO Transport

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	TR-RAL-9001RAL
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1 Continuous Improvement Techniques 0 chapters65 marks	
2 ISO 9001 Implementation 5 chapters · 12 classes85 marks	
• 1 Understanding ISO 9001: Principles and Scope in Rail Industry — 6 classes › 1.1 Define ISO 9001: Key Principles for the Rail Industry › 1.2 Explore the Scope of ISO 9001 in Rail Operations › 1.3 Identify the Benefits of Implementing ISO 9001 Standards › 1.4 Analyze the Role of Leadership in ISO 9001 Implementation › 1.5 Assess Compliance Requirements for Rail Industry Stakeholders › 1.6 Develop an Action Plan for ISO 9001 Integration in Rail Projects • 2 Planning for Implementation of ISO 9001 in Rail Operations — 6 classes › 2.1 Assess Current Practices in Rail Operations › 2.2 Identify Stakeholders for ISO 9001 Implementation › 2.3 Define Quality Objectives for Rail Operations › 2.4 Develop an Implementation Plan for ISO 9001 › 2.5 Allocate Resources and Responsibilities Effectively › 2.6 Establish Key Performance Indicators for Quality Management • 3 Documenting the Quality Management System in Rail Context	• 4 Executing and Monitoring ISO 9001 Processes in Rail Services • 5 Continuous Improvement and Audit Practices for Rail Quality Management
3 Operational Efficiency Strategies 0 chapters65 marks	
4 Performance Metrics and Evaluation 0 chapters45 marks	

• 1 Understanding Quality Management Principles in Rail Transport

— 6 classes

- › 1.1 Define Quality Management in Rail Transport
- › 1.2 Explore the Principles of Quality Management
- › 1.3 Identify Stakeholders and Their Roles in Quality
- › 1.4 Examine Quality Standards Relevant to Rail Industry
- › 1.5 Implement Continuous Improvement Strategies
- › 1.6 Analyze Case Studies of Quality Management in Practice

• 2 ISO 9001:2020 Standards and Their Application in Rail Systems —

6 classes

- › 2.1 Understand the Key Principles of ISO 9001:2020
- › 2.2 Explore the Structure of ISO 9001:2020 Standards
- › 2.3 Identify the Roles and Responsibilities in Quality Management
- › 2.4 Analyze the Importance of Risk Management in Rail Systems
- › 2.5 Implement Continuous Improvement Practices in Rail Operations
- › 2.6 Evaluate the Impact of ISO 9001:2020 on Rail Industry Performance

• 3 Leadership and Commitment in Quality Management Frameworks

— 6 classes

- › 3.1 Define Leadership Roles in Quality Management
- › 3.2 Explore Commitment to Quality as a Leadership Value
- › 3.3 Analyze Case Studies of Leadership Impact on Quality Standards
- › 3.4 Identify Key Stakeholders in Quality Management Frameworks
- › 3.5 Develop a Leadership Strategy for Quality Improvement
- › 3.6 Implement Leadership Commitments in Quality Management Practices

• 4 Risk Management and Process Approach in Rail Quality Systems

— 6 classes

- › 4.1 Identify Key Risks in Rail Quality Management
- › 4.2 Analyze the Impact of Risks on Rail Operations
- › 4.3 Develop a Risk Mitigation Strategy for Rail Projects
- › 4.4 Implement Process Approach in Quality Management Systems
- › 4.5 Monitor and Review Risk Management Processes in Rail
- › 4.6 Evaluate Effectiveness of Risk Management in Rail Quality

• 5 Continuous Improvement and Performance Measurement in Rail Quality — 6 classes

- › 5.1 Define Continuous Improvement in the Rail Industry
- › 5.2 Identify Key Performance Indicators for Rail Quality
- › 5.3 Analyze Data for Performance Measurement in Rail QA
- › 5.4 Implement Feedback Loops for Continuous Improvement
- › 5.5 Evaluate the Effectiveness of Improvement Initiatives
- › 5.6 Develop an Action Plan for Sustained Quality Enhancement