

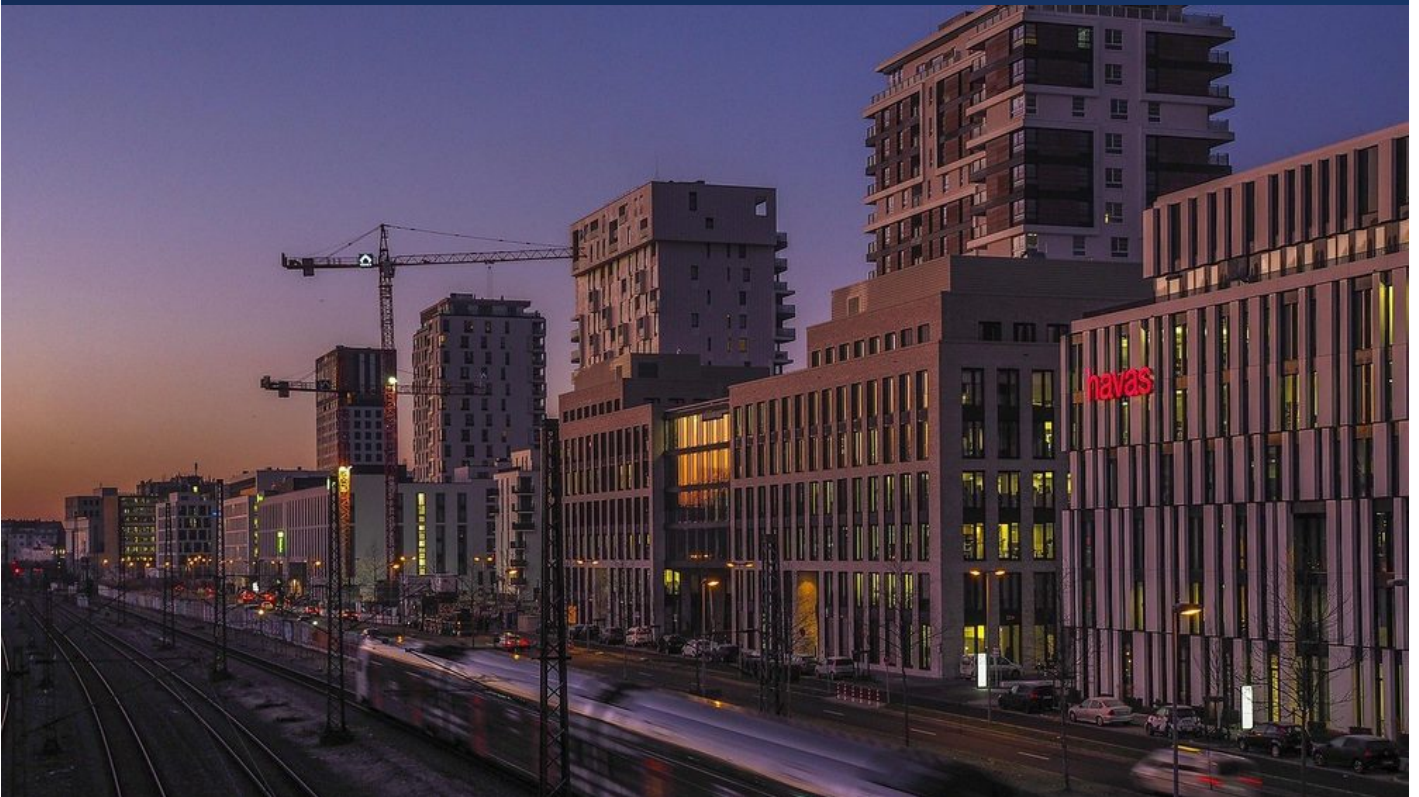
LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 31000RAL — Risk Management in Rail

ISO Certification Programme



LAPT — London Academy of Professional Training

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

Email info@lapt.org

Telephone +44 7513 283044

Web lapt.org

Reference TR-RAL-31000RAL • ISO Transport

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	TR-RAL-31000RAL
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1 Advanced Risk Assessment Techniques 5 chapters · 18 classes 85 marks • 1 Foundations of Risk Assessment in Rail Operations — 6 classes › 1.1 Define Key Concepts in Risk Assessment for Rail Operations › 1.2 Identify Common Risks in Rail Operations and Their Impacts › 1.3 Explain the Process of Risk Identification in the Rail Sector › 1.4 Assess the Probability and Impact of Risks in Rail Operations › 1.5 Develop Risk Mitigation Strategies for Rail Operations › 1.6 Implement a Risk Monitoring Plan in Rail Operations • 2 Identifying and Analyzing Rail Risks — 6 classes › 2.1 Identify Key Rail Risk Factors Through Data Analysis › 2.2 Evaluate the Impact of Environmental Variables on Rail Safety › 2.3 Utilize Risk Matrices to Prioritize Rail Risks › 2.4 Analyze Historical Incident Reports for Risk Trends › 2.5 Conduct Stakeholder Consultations to Uncover Hidden Risks › 2.6 Develop a Risk Assessment Framework for Rail Operations • 3 Risk Evaluation and Prioritization in Rail Projects — 6 classes › 3.1 Identify Key Risk Factors in Rail Projects › 3.2 Analyze the Impact of Risks on Project Objectives › 3.3 Evaluate Probability and Consequences of Identified Risks › 3.4 Develop Risk Evaluation Criteria for Rail Projects › 3.5 Prioritize Risks Using Quantitative and Qualitative Methods › 3.6 Communicate and Document Risk Evaluation Outcomes • 4 Mitigation Strategies for Rail Risk Management • 5 Monitoring, Reviewing, and Communicating Rail Risk	
2 Evaluating Risk Management Effectiveness 0 chapters 65 marks	
3 Fostering a Risk-Aware Culture 0 chapters 45 marks	
4 Implementation of Risk Mitigation Strategies 0 chapters 65 marks	

• 1 Understanding Risk Management Principles in Rail — 6 classes

- › 1.1 Define Risk Management Principles in Rail
- › 1.2 Explore Key Components of Risk Management Frameworks
- › 1.3 Analyze the Importance of Stakeholder Engagement in Risk Management
- › 1.4 Identify Common Risks in Rail Operations
- › 1.5 Evaluate Strategies for Risk Mitigation in Rail
- › 1.6 Implement a Risk Management Plan for a Rail Project

• 2 ISO 31000 Framework: Structure and Components — 6 classes

- › 2.1 Explore the ISO 31000 Framework Overview
- › 2.2 Identify Key Components of the ISO 31000 Structure
- › 2.3 Examine the Principles of Effective Risk Management
- › 2.4 Analyze the Risk Management Process Steps
- › 2.5 Assess the Role of Leadership in Risk Management
- › 2.6 Apply the ISO 31000 Framework to a Real-World Scenario

• 3 Risk Identification Techniques for Rail Operations — 6 classes

- › 3.1 Define Key Terms in Risk Identification for Rail Operations
- › 3.2 Explore the Importance of Risk Identification in Rail Safety
- › 3.3 Identify Common Risk Factors in Rail Operations
- › 3.4 Apply SWOT Analysis to Rail Risk Identification
- › 3.5 Utilize Brainstorming Techniques for Effective Risk Identification
- › 3.6 Develop a Risk Identification Plan for a Real-life Scenario in Rail

• 4 Risk Assessment and Analysis in Rail Contexts — 6 classes

- › 4.1 Identify Key Risks in Rail Operations
- › 4.2 Analyze the Impact of Identified Risks
- › 4.3 Evaluate Risk Probability and Consequences
- › 4.4 Prioritize Risks for Management Attention
- › 4.5 Develop Mitigation Strategies for High-Priority Risks
- › 4.6 Implement and Monitor Risk Management Plans

• 5 Implementing and Monitoring Risk Management Strategies in Rail — 6 classes

- › 5.1 Identify Key Risk Management Components in Rail
- › 5.2 Develop Effective Risk Management Strategies for Rail Operations
- › 5.3 Integrate Risk Management into Existing Rail Processes
- › 5.4 Establish Performance Indicators for Monitoring Risk Management
- › 5.5 Conduct Regular Reviews of Risk Management Strategies in Rail
- › 5.6 Communicate Risk Management Outcomes to Stakeholders in Rail