

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 28000REA — Security Management for Rare Earth Supply Chain

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference MTL-REA-28000REA • ISO Materials

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AT A GLANCE

REFERENCE	MTL-REA-28000REA
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Compliance and Regulatory Frameworks

5 chapters · 30 classes65 marks

• 1 Understanding Compliance: Principles and Importance in Rare Earth Supply Chains — 6 classes

› 1.1 Define Compliance: Exploring Key Concepts in Rare Earth Supply Chains

› 1.2 Analyze Regulatory Frameworks: Understanding Local and International Laws

› 1.3 Identify Risks: Assessing Compliance Challenges in the Supply Chain

› 1.4 Evaluate Importance: The Role of Compliance in Ensuring Supply Chain Security

› 1.5 Develop Strategies: Implementing Effective Compliance Measures

› 1.6 Apply Knowledge: Case Studies on Compliance Best Practices in Rare Earth Supply Chains

• 2 Key Regulatory Bodies and Standards Affecting Rare Earth Materials — 6 classes

› 2.1 Identify Key Regulatory Bodies Impacting Rare Earth Materials

› 2.2 Analyze the Functions of Major Standards in Supply Chain Security

› 2.3 Explore International Compliance Regulations for Rare Earth Elements

› 2.4 Evaluate the Role of National Agencies in Regulatory Enforcement

› 2.5 Examine the Impact of Non-Compliance on Supply Chain Management

› 2.6 Apply Best Practices for Aligning with Regulatory Standards

• 3 Assessment of Legal Requirements and Obligations in Rare Earth Supply Chains — 6 classes

› 3.1 Identify Key Legal Frameworks Impacting Rare Earth Supply Chains

› 3.2 Analyze Compliance Obligations for Major Regulations

› 3.3 Evaluate Risk Management Strategies in Regulatory Context

› 3.4 Assess the Impact of International Treaties on Supply Chain Practices

› 3.5 Develop a Compliance Checklist for Rare Earth Operations

› 3.6 Create an Action Plan for Addressing Legal Non-compliance Risks

• 4 Risk Management Strategies for Regulatory Compliance in Rare Earth Supply Chains — 6 classes

› 4.1 Identify Key Risks in Rare Earth Supply Chains

› 4.2 Assess Regulatory Requirements for Compliance

› 4.3 Develop Risk Mitigation Strategies for Supply Chain Vulnerabilities

› 4.4 Integrate Risk Management with Compliance Frameworks

› 4.5 Monitor and Review Risk Management Practices

› 4.6 Implement Continuous Improvement in Risk Management Processes

• 5 Auditing and Continuous Improvement of Compliance Practices in Rare Earth Supply Chains — 6 classes

› 5.1 Assess Compliance Frameworks in Rare Earth Supply Chains

› 5.2 Identify Key Auditing Techniques for Compliance Verification

› 5.3 Analyze Case Studies of Compliance Failures in Rare Earth Supply Chains

› 5.4 Develop an Effective Audit Plan for Continuous Improvement

› 5.5 Implement Best Practices for Monitoring Compliance Post-Audit

› 5.6 Evaluate the Impact of Continuous Improvement on Supply Chain Resilience

• 1 Understanding ISO 28000 Standards and Their Importance in Supply Chain Security — 6 classes

- › 1.1 Define ISO 28000 Standards and Their Role in Supply Chain Security
- › 1.2 Identify Key Components of ISO 28000 for Effective Security Management
- › 1.3 Analyze the Impact of Supply Chain Security on Business Operations
- › 1.4 Explore Benefits of Implementing ISO 28000 Standards
- › 1.5 Evaluate Case Studies of ISO 28000 in Action
- › 1.6 Develop a Strategic Plan for ISO 28000 Implementation in Supply Chains

• 2 Key Components of ISO 28000: Policies, Processes, and Practices — 6 classes

- › 2.1 Define Key Policies of ISO 28000 for Security Management
- › 2.2 Identify Core Processes in ISO 28000 Supply Chain Security
- › 2.3 Analyze Best Practices for Implementing ISO 28000 Standards
- › 2.4 Evaluate the Role of Stakeholders in Security Policy Development
- › 2.5 Develop a Framework for Integrating ISO 28000 Components
- › 2.6 Apply ISO 28000 Principles to Case Scenarios in Supply Chains

• 3 Risk Assessment and Management in Rare Earth Supply Chains — 6 classes

- › 3.1 Identify Key Risks in Rare Earth Supply Chains
- › 3.2 Analyze Impact of Risks on Supply Chain Operations
- › 3.3 Evaluate Existing Risk Management Strategies
- › 3.4 Develop Risk Mitigation Plans for Rare Earth Supply Chains
- › 3.5 Implement Monitoring Practices for Risk Management
- › 3.6 Review and Revise Risk Assessment Processes

• 4 Implementing ISO 28000 Standards: Tools and Techniques for Compliance — 6 classes

- › 4.1 Identify Key Principles of ISO 28000 Compliance
- › 4.2 Analyze Tools for Effective Implementation of ISO 28000
- › 4.3 Develop a Step-by-Step ISO 28000 Compliance Plan
- › 4.4 Evaluate Risk Management Strategies in the Supply Chain
- › 4.5 Utilize Performance Metrics for ISO 28000 Assessment
- › 4.6 Create a Continuous Improvement Framework for ISO 28000

• 5 Continuous Improvement and Auditing in Supply Chain Security Management — 6 classes

- › 5.1 Understand Key Concepts of Continuous Improvement in Supply Chain Security
- › 5.2 Identify the Role of Auditing in Supply Chain Security Management
- › 5.3 Explore Common Continuous Improvement Methodologies for Supply Chain
- › 5.4 Analyze the Impact of Auditing on Security Compliance and Performance
- › 5.5 Develop Action Plans Based on Audit Findings for Enhanced Security
- › 5.6 Implement a Continuous Improvement Framework in Supply Chain Security

• 1 Understanding the Role of Leadership in Security Management for Rare Earth Supply Chains — 6 classes

- › 1.1 Define Leadership Roles in Security Management
- › 1.2 Analyze the Importance of Leadership in Supply Chain Security
- › 1.3 Identify Key Security Challenges in Rare Earth Supply Chains
- › 1.4 Develop Leadership Strategies for Mitigating Security Risks
- › 1.5 Evaluate Leadership Styles Effectiveness in Security Management
- › 1.6 Apply Leadership Principles to Real-World Security Scenarios

• 2 Risk Assessment and Management Strategies in Rare Earth Security — 6 classes

- › 2.1 Identify Key Risks in Rare Earth Supply Chains
- › 2.2 Analyze Vulnerabilities: Tools and Techniques
- › 2.3 Evaluate Current Risk Management Frameworks
- › 2.4 Develop Integrated Risk Assessment Models
- › 2.5 Formulate Action Plans for Risk Mitigation
- › 2.6 Implement and Monitor Security Strategies Continuously

• 3 Implementing ISO 28000 Standards in Leadership Practices — 6 classes

- › 3.1 Understanding ISO 28000 Standards in Security Management
- › 3.2 Assessing Leadership Roles in Rare Earth Supply Chain Security
- › 3.3 Identifying Key Components of Effective Security Policies
- › 3.4 Developing Leadership Practices for Risk Assessment
- › 3.5 Implementing Continuous Improvement in Security Protocols
- › 3.6 Evaluating the Impact of Leadership on Supply Chain Security

• 4 Crisis Management and Response Planning in Rare Earth Supply Chains — 6 classes

- › 4.1 Assess Crisis Scenarios in Rare Earth Supply Chains
- › 4.2 Identify Critical Stakeholders for Crisis Response
- › 4.3 Develop a Crisis Communication Strategy
- › 4.4 Formulate Response Plans for Supply Chain Disruptions
- › 4.5 Conduct Simulations for Crisis Management Effectiveness
- › 4.6 Evaluate and Improve Crisis Response Frameworks

• 5 Leading Change and Innovation in Security Management Practices — 6 classes

- › 5.1 Identify the Need for Change in Security Management Practices
- › 5.2 Analyze Barriers to Innovation in Security Management
- › 5.3 Develop a Vision for Modernizing Security Processes
- › 5.4 Engage Stakeholders in the Change Process
- › 5.5 Implement Innovative Security Solutions Effectively
- › 5.6 Evaluate the Impact of Change on Security Management Outcomes

• 1 Fundamentals of Security Protocols in Rare Earth Supply Chains

— 6 classes

- › 1.1 Identify Key Components of Rare Earth Supply Chain Security
- › 1.2 Analyze Common Threats and Vulnerabilities in Supply Chains
- › 1.3 Evaluate the Role of Regulatory Frameworks in Security Protocols
- › 1.4 Develop Risk Assessment Strategies for Supply Chain Security
- › 1.5 Implement Security Protocols for Asset Protection in Supply Chains
- › 1.6 Assess the Effectiveness of Security Protocols and Continuous Improvement

• 2 Risk Assessment Techniques for Rare Earth Supply Chains — 6

classes

- › 2.1 Identify Key Risks in Rare Earth Supply Chains
- › 2.2 Analyze Vulnerability Factors in Supply Chain Processes
- › 2.3 Evaluate Existing Security Protocols for Risk Mitigation
- › 2.4 Prioritize Risks Based on Impact and Likelihood
- › 2.5 Develop Risk Management Strategies for Supply Chain Resilience
- › 2.6 Implement Continuous Monitoring Techniques for Risk Assessment

• 3 Implementing Security Protocols: Best Practices — 6 classes

- › 3.1 Assessing Security Risks in Rare Earth Supply Chains
- › 3.2 Developing Tailored Security Protocols for Supply Chain Events
- › 3.3 Implementing Physical Security Measures in Facilities
- › 3.4 Establishing Cybersecurity Protocols for Supply Chain Data
- › 3.5 Training Personnel on Security Best Practices and Protocols
- › 3.6 Evaluating the Effectiveness of Implemented Security Protocols

• 4 Incident Response and Management in Rare Earth Supply Chains

— 6 classes

- › 4.1 Identify Key Incident Types in Rare Earth Supply Chains
- › 4.2 Assess Current Security Protocols for Incident Readiness
- › 4.3 Develop an Incident Response Plan Tailored to Rare Earth Scenarios
- › 4.4 Communicate Incident Response Roles and Responsibilities Effectively
- › 4.5 Implement Testing and Drills for Incident Response Preparedness
- › 4.6 Evaluate and Improve Incident Response Strategies Post-Incident

• 5 Continuous Improvement in Security Management for Rare Earths — 6 classes

- › 5.1 Identify Key Security Challenges in Rare Earth Supply Chains
- › 5.2 Analyze Current Security Protocols for Effectiveness
- › 5.3 Develop Strategies for Addressing Security Weaknesses
- › 5.4 Implement Continuous Improvement Techniques in Security Management
- › 5.5 Monitor and Evaluate Security Protocol Adjustments
- › 5.6 Create a Continuous Improvement Plan for Security Management

• 1 Introduction to Risk Assessment in Rare Earth Supply Chains — 6

classes

- › 1.1 Define Key Concepts in Risk Assessment for Rare Earth Supply Chains
- › 1.2 Identify Potential Risks Impacting Rare Earth Supply Chains
- › 1.3 Analyze Consequences of Risks in Rare Earth Supply Chains
- › 1.4 Evaluate Current Risk Management Practices in the Industry
- › 1.5 Develop Strategies to Mitigate Identified Risks
- › 1.6 Implement Risk Assessment Tools for Rare Earth Supply Chains

• 2 Identifying and Analyzing Risk Factors in Rare Earth Supply Chains — 6 classes

- › 2.1 Define Key Risk Factors in Rare Earth Supply Chains
- › 2.2 Analyze Supply Chain Vulnerabilities in Rare Earth Production
- › 2.3 Assess Impact of Geopolitical Factors on Rare Earth Supplies
- › 2.4 Evaluate Environmental Risks Associated with Rare Earth Mining
- › 2.5 Identify Mitigation Strategies for Securing Rare Earth Supply Chains
- › 2.6 Develop a Risk Management Plan for Rare Earth Supply Chain Security

• 3 Evaluating Risk Impact and Likelihood in Supply Chain Contexts

— 6 classes

- › 3.1 Identify Key Risks in Rare Earth Supply Chains
- › 3.2 Assess the Likelihood of Identified Risks
- › 3.3 Evaluate the Potential Impact of Risks on Supply Chain Operations
- › 3.4 Prioritize Risks Based on Impact and Likelihood
- › 3.5 Develop Risk Mitigation Strategies for Supply Chain Vulnerabilities
- › 3.6 Implement Monitoring Mechanisms for Ongoing Risk Assessment

• 4 Risk Mitigation Strategies and Implementation in Rare Earth Supply Chains — 6 classes

- › 4.1 Identify Key Risks in the Rare Earth Supply Chain
- › 4.2 Analyze Impacts of Identified Risks on Operations
- › 4.3 Develop Targeted Mitigation Strategies for Key Risks
- › 4.4 Integrate Mitigation Strategies into Supply Chain Processes
- › 4.5 Monitor and Evaluate the Effectiveness of Mitigation Strategies
- › 4.6 Communicate Risk Mitigation Plans to Stakeholders

• 5 Monitoring and Reviewing Risk Management Strategies in Practice — 6 classes

- › 5.1 Identify Key Risk Indicators for Supply Chain Monitoring
- › 5.2 Analyze Risk Management Frameworks in Current Practices
- › 5.3 Evaluate Effectiveness of Existing Risk Management Strategies
- › 5.4 Implement Continuous Monitoring Techniques in Risk Assessment
- › 5.5 Review Case Studies of Risk Management Failures and Successes
- › 5.6 Develop Action Plans for Improving Risk Management Systems

• 1 Understanding the Importance of Security in the Rare Earth Supply Chain — 6 classes

- › 1.1 Define Security in the Context of the Rare Earth Supply Chain
- › 1.2 Identify Key Vulnerabilities in the Rare Earth Supply Chain
- › 1.3 Explore the Consequences of Security Breaches in Supply Chains
- › 1.4 Analyze Best Practices for Securing Rare Earth Supply Chains
- › 1.5 Develop a Risk Assessment Framework for Rare Earth Supply Chains
- › 1.6 Implement a Security Management Plan for Rare Earth Supply Chain Operations

• 2 Risk Assessment and Vulnerability Analysis in Rare Earth Supply Chains — 6 classes

- › 2.1 Identify Risk Factors in Rare Earth Supply Chains
- › 2.2 Analyze Vulnerabilities in Supply Chain Processes
- › 2.3 Evaluate the Impact of Supply Chain Disruptions
- › 2.4 Develop Risk Assessment Frameworks for Supply Chains
- › 2.5 Prioritize Risks and Vulnerabilities in Operations
- › 2.6 Formulate Mitigation Strategies for Identified Risks

• 3 Developing Security Protocols and Policies for Supply Chain Integrity — 6 classes

- › 3.1 Identify Key Components of Security Protocols in Supply Chains
- › 3.2 Analyze Risks to Supply Chain Integrity
- › 3.3 Develop Effective Security Policies for Supply Chain Operations
- › 3.4 Implement Security Measures for Rare Earth Materials Handling
- › 3.5 Monitor and Evaluate the Effectiveness of Security Protocols
- › 3.6 Create a Response Plan for Security Breaches in Supply Chains

• 4 Technology and Tools for Enhancing Security in Rare Earth Logistics — 6 classes

- › 4.1 Evaluate Emerging Technologies for Security in Rare Earth Logistics
- › 4.2 Implement Risk Assessment Tools for Supply Chain Security
- › 4.3 Analyze the Role of Blockchain in Enhancing Transparency
- › 4.4 Utilize IoT Devices for Real-Time Monitoring of Logistics
- › 4.5 Develop a Response Plan Using Data Analytics for Security Breaches
- › 4.6 Integrate Cybersecurity Measures into Physical Security Protocols

• 5 Implementing and Monitoring Security Strategies for Continuous Improvement — 6 classes

- › 5.1 Assessing Current Security Strategies for Rare Earth Supply Chains
- › 5.2 Identifying Key Performance Indicators for Security Management
- › 5.3 Developing Action Plans for Enhancing Security Measures
- › 5.4 Implementing Security Strategies: Best Practices and Approaches
- › 5.5 Monitoring and Evaluating the Effectiveness of Security Strategies
- › 5.6 Fostering Continuous Improvement in Security Management Practices