

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 31000SOL — Risk Management in Contaminated Land Projects

ISO Certification Programme



**PROJECT
PLANNING**

LAPT — London Academy of Professional Training

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Reference ENV-SOL-31000SOL • ISO Environmental Sustainability

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

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

CURRICULUM

1

Leadership in Environmental Management

5 chapters · 30 classes85 marks

• 1 Understanding Contaminated Land: Definitions and Impacts — 6 classes

› 1.1 Define Contaminated Land: Explore Key Concepts and Terminology

› 1.2 Identify Sources of Contamination: Analyze Various Pollutants

› 1.3 Assess Environmental Impacts: Examine Effects on Ecosystems and Human Health

› 1.4 Recognize Legal Frameworks: Understand Regulations Governing Contaminated Land

› 1.5 Evaluate Risk Factors: Identify and Prioritize Risks in Contaminated Sites

› 1.6 Implement Management Strategies: Develop Action Plans for Remediation and Leadership

• 2 Principles of Risk Management in Soil Quality — 6 classes

› 2.1 Identify Key Principles of Risk Management in Soil Quality

› 2.2 Analyze the Impact of Contaminants on Soil Quality

› 2.3 Assess Risk Levels in Contaminated Land Projects

› 2.4 Develop Strategies for Risk Mitigation in Soil Management

› 2.5 Communicate Risk Findings to Stakeholders Effectively

› 2.6 Evaluate the Effectiveness of Risk Management Strategies in Soil Projects

• 3 Leadership Roles in Environmental Management Practices — 6 classes

› 3.1 Define key leadership roles in contaminated land management

› 3.2 Identify best practices for environmental leadership

› 3.3 Analyze the impact of leadership styles on project outcomes

› 3.4 Develop effective communication strategies for environmental teams

› 3.5 Assess risks associated with contaminated land and leadership responses

› 3.6 Create an action plan for improving leadership in environmental practices

• 4 Stakeholder Engagement and Communication Strategies — 6 classes

› 4.1 Identify Stakeholders in Contaminated Land Projects

› 4.2 Assess Stakeholder Interests and Influences

› 4.3 Develop Effective Communication Strategies

› 4.4 Create Inclusive Engagement Plans

› 4.5 Implement Stakeholder Communication Techniques

› 4.6 Evaluate the Impact of Stakeholder Engagement

• 5 Implementing ISO 31000 in Contaminated Land Projects — 6 classes

› 5.1 Understand ISO 31000 Principles in Contaminated Land Management

› 5.2 Identify Key Risk Factors in Contaminated Land Projects

› 5.3 Develop Risk Assessment Methodologies for Contaminated Sites

› 5.4 Integrate Stakeholder Engagement in Risk Management Strategies

› 5.5 Formulate Action Plans for Risk Mitigation in Contaminated Land

› 5.6 Evaluate and Monitor Risk Management Effectiveness in Projects

• 1 Fundamentals of Monitoring Techniques in Contaminated Land —

6 classes

- › 1.1 Identify Key Monitoring Techniques for Contaminated Land
- › 1.2 Analyze the Objectives of Monitoring in Risk Management
- › 1.3 Examine Data Collection Methods in Environmental Assessment
- › 1.4 Evaluate the Effectiveness of Monitoring Tools and Technologies
- › 1.5 Develop a Monitoring Plan for Contaminated Sites
- › 1.6 Implement Continuous Improvement Strategies in Monitoring Practices

• 2 Data Collection Strategies for Soil Quality Assessment — 6 classes

- › 2.1 Identify Key Indicators for Soil Quality
- › 2.2 Explore Qualitative Data Collection Methods
- › 2.3 Implement Quantitative Data Collection Techniques
- › 2.4 Utilize Remote Sensing Tools for Soil Assessment
- › 2.5 Analyze Data Interpretation Strategies
- › 2.6 Develop a Comprehensive Soil Quality Monitoring Plan

• 3 Analytical Methods for Evaluating Soil Contaminants — 6 classes

- › 3.1 Identify Key Soil Contaminants and Their Sources
- › 3.2 Explore Laboratory Techniques for Soil Analysis
- › 3.3 Apply Field Sampling Methods for Contaminant Assessment
- › 3.4 Utilize Analytical Instruments for Soil Contaminants
- › 3.5 Interpret Analytical Data for Decision Making
- › 3.6 Develop an Evaluation Report Based on Analysis Findings

• 4 Interpreting Soil Quality Data for Risk Management — 6 classes

- › 4.1 Analyze Soil Quality Data for Contamination Levels
- › 4.2 Identify Key Indicators of Soil Quality in Risk Assessment
- › 4.3 Evaluate the Impact of Soil Contaminants on Ecosystems
- › 4.4 Interpret Seasonal Variations in Soil Quality Data
- › 4.5 Develop Soil Quality Monitoring Plans Based on Data Analysis
- › 4.6 Communicate Soil Quality Findings to Stakeholders Effectively

• 5 Evaluating the Impact of Monitoring Outcomes on Environmental Policy — 6 classes

- › 5.1 Identify Key Monitoring Outcomes in Environmental Policy
- › 5.2 Analyze Effectiveness of Current Monitoring Techniques
- › 5.3 Assess Stakeholder Perspectives on Monitoring Impact
- › 5.4 Compare Case Studies of Successful Monitoring Evaluations
- › 5.5 Develop Metrics for Evaluating Monitoring Outcomes
- › 5.6 Create Action Plans for Improving Environmental Policy Based on Evaluation Findings

• 1 Introduction to Regulatory Frameworks in Contaminated Land —

6 classes

- › 1.1 Define the Key Components of Regulatory Frameworks
- › 1.2 Identify Relevant Legislation for Contaminated Land Projects
- › 1.3 Analyze the Role of Regulatory Bodies in Land Management
- › 1.4 Examine Compliance Requirements for Contaminated Sites
- › 1.5 Discuss the Consequences of Non-Compliance in Risk Management
- › 1.6 Apply Regulatory Knowledge to Real-World Contaminated Land Scenarios

• 2 Key Legislation Affecting Soil Quality Management — 6 classes

- › 2.1 Identify Key UK Legislation Impacting Soil Quality
- › 2.2 Explore the Role of Environmental Protection Act in Soil Management
- › 2.3 Analyze the Contaminated Land Regulations and Their Implications
- › 2.4 Assess the Impact of EU Directives on Soil Quality Standards
- › 2.5 Examine Case Studies of Regulatory Compliance in Contaminated Land Projects
- › 2.6 Develop Strategies for Ensuring Compliance with Soil Quality Legislation

• 3 Understanding Compliance Obligations for Contaminated Land Projects — 6 classes

- › 3.1 Identify Key Compliance Obligations in Contaminated Land Projects
- › 3.2 Analyze Relevant Regulatory Frameworks for Contaminated Land Management
- › 3.3 Evaluate the Role of Stakeholders in Compliance Obligations
- › 3.4 Assess Risk Management Strategies in Relation to Compliance
- › 3.5 Develop a Compliance Checklist for Contaminated Land Projects
- › 3.6 Create an Action Plan for Addressing Non-Compliance Issues

• 4 Risk Assessment Techniques in Regulatory Context — 6 classes

- › 4.1 Define Key Concepts in Risk Assessment
- › 4.2 Identify Regulatory Frameworks for Contaminated Land
- › 4.3 Explore Qualitative Risk Assessment Techniques
- › 4.4 Apply Quantitative Risk Assessment Methods
- › 4.5 Evaluate Risk Assessment Outcomes in Compliance Contexts
- › 4.6 Develop Action Plans Based on Risk Assessment Findings

• 5 Future Trends in Environmental Regulations and Compliance — 6 classes

- › 5.1 Analyze Emerging Trends in Environmental Regulations
- › 5.2 Identify Key Drivers Influencing Regulatory Change
- › 5.3 Evaluate Impacts of Climate Change on Compliance Requirements
- › 5.4 Explore Innovative Technologies for Environmental Monitoring
- › 5.5 Develop Strategies for Adapting to Changing Regulations
- › 5.6 Implement Best Practices for Future Compliance in Projects

• 1 Fundamentals of Risk Identification in Contaminated Land — 6

classes

- › 1.1 Define Key Terms in Contaminated Land Risk Management
- › 1.2 Identify Sources of Risk in Contaminated Land Projects
- › 1.3 Analyze the Impact of Contaminants on Land Use
- › 1.4 Assess Stakeholder Concerns and Perspectives in Risk Evaluation
- › 1.5 Evaluate Risk Assessment Tools and Techniques for Contaminated Sites
- › 1.6 Develop a Preliminary Risk Assessment Framework for Contaminated Land

• 2 Techniques for Identifying Risks in Soil Quality — 6 classes

- › 2.1 Analyze Historical Land Use for Risk Identification
- › 2.2 Utilize Soil Testing Techniques to Assess Contamination
- › 2.3 Employ GIS Mapping to Visualize Soil Quality Risks
- › 2.4 Integrate Regulatory Standards in Risk Assessment Processes
- › 2.5 Conduct Surveys and Stakeholder Interviews for Risk Insights
- › 2.6 Develop a Risk Prioritization Matrix for Contaminated Land

• 3 Frameworks for Risk Assessment in Environmental Projects — 6

classes

- › 3.1 Define Risk Assessment Frameworks in Contaminated Land Projects
- › 3.2 Identify Key Components of Risk Assessment Frameworks
- › 3.3 Explore Quality Standards in Risk Assessment Processes
- › 3.4 Apply Risk Assessment Models to Real-World Scenarios
- › 3.5 Evaluate the Effectiveness of Various Risk Assessment Frameworks
- › 3.6 Develop a Custom Risk Assessment Framework for a Contaminated Site

• 4 Quantitative and Qualitative Risk Assessment Methods — 6 classes

- › 4.1 Define Key Terms in Risk Assessment
- › 4.2 Understand the Principles of Quantitative Risk Assessment
- › 4.3 Explore Qualitative Risk Assessment Techniques
- › 4.4 Compare Quantitative and Qualitative Methods in Practice
- › 4.5 Analyze Case Studies of Risk Assessment in Contaminated Land
- › 4.6 Develop a Risk Assessment Framework for Real-World Application

• 5 Integrating Risk Assessment into Strategic Decision-Making — 6

classes

- › 5.1 Understand the Fundamentals of Risk Assessment in Contaminated Land Projects
- › 5.2 Identify Key Risks Associated with Contaminated Land Scenarios
- › 5.3 Evaluate Risk Impacts and Probabilities in Decision-Making
- › 5.4 Integrate Stakeholder Perspectives in Risk Assessment Processes
- › 5.5 Develop Effective Risk Response Strategies for Contaminated Sites
- › 5.6 Apply Risk Assessment Insights to Enhance Strategic Decisions

• 1 Understanding Contaminated Land: Definitions and Impacts — 6

classes

- › 1.1 Define Contaminated Land: Key Terminology and Concepts
- › 1.2 Identify Sources and Types of Contamination in Land
- › 1.3 Explore Health and Environmental Impacts of Contaminated Land
- › 1.4 Assess Socioeconomic Consequences of Contaminated Sites
- › 1.5 Analyze Case Studies: Lessons from Contaminated Land Projects
- › 1.6 Develop Initial Risk Mitigation Strategies for Contaminated Land

• 2 Regulatory Framework and Standards for Risk Management — 6

classes

- › 2.1 Identify Key Regulations Impacting Contaminated Land Risk Management
- › 2.2 Analyze the Principles of ISO 31000 for Contamination Projects
- › 2.3 Evaluate Compliance Requirements in Risk Mitigation Strategies
- › 2.4 Compare International Standards for Environmental Risk Management
- › 2.5 Develop a Risk Assessment Framework Based on Regulatory Guidelines
- › 2.6 Implement Best Practices for Aligning Projects with Regulatory Standards

• 3 Risk Assessment Methodologies in Soil Quality Management — 6

classes

- › 3.1 Identify Key Soil Contaminants Impacting Quality
- › 3.2 Analyze Risk Factors in Soil Contamination Scenarios
- › 3.3 Evaluate Soil Assessment Techniques for Contaminant Detection
- › 3.4 Compare Qualitative and Quantitative Risk Assessment Methods
- › 3.5 Implement Risk Assessment Tools in Soil Quality Management
- › 3.6 Develop Comprehensive Risk Mitigation Plans for Contaminated Sites

• 4 Developing Effective Risk Mitigation Strategies — 6 classes

- › 4.1 Identify Risk Factors in Contaminated Land Projects
- › 4.2 Assess the Impact of Identified Risks
- › 4.3 Explore Risk Mitigation Options and Techniques
- › 4.4 Develop a Risk Mitigation Plan Template
- › 4.5 Implement Risk Mitigation Strategies Effectively
- › 4.6 Monitor and Review the Effectiveness of Mitigation Strategies

• 5 Monitoring and Continuous Improvement in Risk Management —

6 classes

- › 5.1 Identify Key Indicators for Monitoring Risk Management
- › 5.2 Develop Effective Monitoring Plans for Contaminated Land Projects
- › 5.3 Implement Data Collection Methods for Continuous Improvement
- › 5.4 Analyze Monitoring Data to Assess Risk Mitigation Strategies
- › 5.5 Formulate Action Plans Based on Monitoring Outcomes
- › 5.6 Foster a Culture of Continuous Improvement in Risk Management

• 1 Understanding Stakeholder Identification and Mapping — 6 classes

- › 1.1 Define Stakeholders in Contaminated Land Projects
- › 1.2 Identify Key Stakeholder Groups and Their Interests
- › 1.3 Analyze Stakeholder Influence and Impact on Project Success
- › 1.4 Map Stakeholders Using Visual Tools for Clarity
- › 1.5 Prioritize Stakeholders Based on Engagement Needs
- › 1.6 Develop Communication Strategies Tailored to Stakeholder Profiles

• 2 Building Relationships and Trust with Stakeholders — 6 classes

- › 2.1 Identify Key Stakeholders in Contaminated Land Projects
- › 2.2 Analyze Stakeholder Interests and Concerns
- › 2.3 Develop Effective Communication Strategies for Engagement
- › 2.4 Establish Trust through Transparent Communication
- › 2.5 Facilitate Collaborative Decision-Making with Stakeholders
- › 2.6 Evaluate and Adapt Stakeholder Engagement Practices

• 3 Effective Communication Strategies for Risk Management — 6 classes

- › 3.1 Identify Key Stakeholders for Effective Communication
- › 3.2 Assess Stakeholder Needs and Expectations
- › 3.3 Develop Tailored Communication Strategies for Diverse Stakeholders
- › 3.4 Utilize Visual Tools to Enhance Understanding of Risks
- › 3.5 Engage Stakeholders through Collaborative Communication Techniques
- › 3.6 Evaluate the Effectiveness of Communication in Risk Management

• 4 Engaging Stakeholders in Decision-Making Processes — 6 classes

- › 4.1 Identify Key Stakeholders in Contaminated Land Projects
- › 4.2 Analyze Stakeholder Interests and Concerns
- › 4.3 Develop Effective Communication Strategies for Engagement
- › 4.4 Facilitate Inclusive Decision-Making Workshops
- › 4.5 Evaluate Stakeholder Feedback for Continuous Improvement
- › 4.6 Document and Share Outcomes of Stakeholder Engagement

• 5 Evaluating and Adapting Engagement Approaches — 6 classes

- › 5.1 Assessing Stakeholder Needs and Expectations
- › 5.2 Mapping Stakeholder Influence and Interest
- › 5.3 Choosing Appropriate Engagement Methods
- › 5.4 Collecting and Analyzing Feedback from Stakeholders
- › 5.5 Adapting Engagement Strategies Based on Feedback
- › 5.6 Evaluating the Effectiveness of Engagement Approaches